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**CHRYSANTHEMUMS**

**ROSES**

**CARNATIONS**

**HARDY**

**PERENNIALS**

**1917**

**CHARLES H. TOTTY**

**MADISON, N. J.**

# SEASON, 1917

## GREETINGS:

In this the Fourteenth Issue of our Annual Catalogue, we thank our many customers for their continued and valued patronage, which we are doing our best to merit, and will continue to do so.

**IN CHRYSANTHEMUMS.**—Louisa Pockett, W. H. Waite, Pres. John Everitt and "Nag-ir-roc" are our critical selections to uphold the Wells-Pockett-Totty standard for 1917.

Our Novelties in Singles, as usual are far superior to past introductions, H. Marie Totty, being the particular "bright star" in this section.

We are specially favored this year in being able to offer our customers, in addition to our other splendid types, a collection of twelve Japanese Anemone varieties. These created a sensation in the shows this Fall, and are the most spectacular 'Mums we have had in many years.

**NEW ROSES.**—In Forcing Roses, Primerose and Mad. Collette Martinette are our Novelty introductions, and show excellent promise.

**GARDEN ROSE NOVELTIES.**—The Hugh Dickson, Ltd. collection of Hardy Roses are up to their usual standard, and included among them is the "Lillian Moore"—the Rose that won the \$1,000.00 Trophy at the Panama-Pacific Exposition.

**IN HARDY STOCK.**—Our seedling Delphiniums have established an International reputation; and Philadelphus (Syringa) "Bouquet Blanc" is worth everyone's attention.

The best of the world's Novelties for next year will also include **HYDRANGEA "Gloire de Boissy"**—the finest introduction in Hydrangeas in many years.

The thousands of customers who stopped in to see our establishment this year, especially the 'Mum display, convince us that our efforts to give them the best service in our particular line is appreciated, and we extend an invitation to all to visit us when in our vicinity. Madison is situated on the D. L. & W. Railroad, about fifty-five minutes' ride from New York, and our greenhouses are located about one mile from the Madison station.

We will do all in our power to make your visit as interesting as possible.

Charles H. Totty



# Wells-Pockett-Totty Chrysanthemum Novelties for 1917



**Nag-ir-roc** (Golden Champion)

Finest exhibition yellow I have ever distributed; color, deepest glowing orange yellow, 45 inches in circumference; every petal reflexing showing the color to the best advantage. This is the variety exhibited at the shows under the provisional name of Golden Champion. Every bud makes a splendid flower. Stem and foliage perfect, height 5 feet. Any bud after August 15th. Certificated C. S. A. Price: \$2.00 per plant, \$20.00 per doz.

THE WELLS-POCKET-TOTTY NOVELTIES FOR 1917—*Continued*

LOUISA POCKETT

## Louisa Pockett

Color purest possible white. Mr. Pockett calls this his "greatest achievement," and has named it after his wife. He says it will, when generally distributed, displace the popular Wm. Turner, which has been the "King" of the exhibition tables for the past four years. Flower, stem and foliage are alike enormous. Plants need plenty of room to develop. Culturally speaking, when handled precisely the same as Wm. Turner, bud taken the same time, late August or early September, it will give splendid results. Certificated C. S. A. Height, 5 feet.

Price: \$2.00 per plant, \$20.00 per doz.



THE WELLS-POCKET-TOTTY NOVELTIES FOR 1917—*Continued*



OCTOBER KING

## October King

Deep golden yellow, petals most beautifully whorled as in the case of a well-grown flower of Wm. Rigby, and while the flower is not as large as that variety, it is fully ready to cut the first week in October, which is weeks before any other yellow approaching it in size is ready for the market. The blooms brought a phenomenal price in the markets this year. Certificated C. S. A., 1915, but enough stock was not available at that time to distribute it properly until this year. No yellow can touch it for the early shows. Any bud after August 1st; height  $3\frac{1}{2}$  feet.

Price: \$2.00 per plant, \$20.00 per doz.

THE WELLS-POCKET-TOTTY NOVELTIES FOR 1917—*Continued*

PRESIDENT JOHN EVERITT

## President John Everitt

Color, very unique chamois-buff; when first opening, the petals are very closely incurved, forming a perfect ball, 27 inches in circumference. As the flower develops, the center petals open outward and show considerable of the bronzy-crimson reverse. Very dwarf, robust grower, and one of the largest flowers in the collection. This variety, with its enormous size and splendid habit will make its own place among the best "three exhibition bronze." Bud August 15th onward. Height, 3½ feet.

**Price: \$2.00 per plant, \$20.00 per doz.**



THE WELLS-POCKET-TOTTY NOVELTIES FOR 1917—*Continued*



WILLIAM. H. WAITE

## William H. Waite

Color, deep warm bronze so brilliant as to seem almost shading to scarlet, in some of the flowers, when compared with some standard variety such as Mary Mason, the superiority of its wonderful color is at once apparent. The standard is gradually climbing, but this variety shows a wonderful advance over previous introductions. Foliage right up to the flower and stem absolutely perfect. Bud early in August will develop, but bud taken around August 25th will show a more brilliant color. Height, 4 to 5 feet. Certificated C. S. A.

Price: \$2.00 per plant, \$20.00 per doz.

THE WELLS-POCKET-TOTTY NOVELTIES FOR 1917—*Continued*

BOL D'OR

## Bol D'Or

Color, clear maize yellow; magnificent flower of the very largest size, forming a perfect hemisphere. This flower will be very popular for use either in a collection or as individual blooms. Height, 5 feet. Crown bud after August 10th.



ALICE DAY

## Introductions of 1916

Price: 50c. per plant, \$5.00 per doz., \$35.00 per 100.

One each of the eight following varieties \$3.25

### ALICE DAY

An ideal commercial variety flowering Oct. 10 to 20. Certificated in New York and Philadelphia on the commercial scale, scoring 87 and 89, respectively; color purest possible white, with no poor buds; medium sized foliage, which permits of rather close planting. One of the most perfectly formed varieties ever introduced.

### E. M. BENSON

Bright yellow in color. dwarf in habit, with splendid stem and foliage; ready to cut Oct. 10th, coming in before Chrysolora and is a splendid variety in every way.

### MISS ELVIA SCOVILLE

(WHITE SPORT OF WELLS' LATE PINK)

The year 1915 was prolific in sports, and this variety, which is a sport of Wells' Late Pink, must be classed as one of the best. The parent is so well known that no further description is necessary, as it resembles Wells' Late Pink in every way except color, which is of the clearest white.

### MORRIS KINNEY

Beautiful and refined incurving white, on the lines of Wm. Turner, but a week to ten days earlier; stem and foliage ideal, and we feel sure it will find a place in every exhibition and also the commercial ranks. Height 5 feet. Crown bud, August 20th.



INTRODUCTIONS OF 1916—*Continued*

MRS. G. G. MASON

**MRS. G. G. MASON**

Very distinct variety; color blood red, with a gold reverse, though very, very little of the gold reverse appears. Its marvelous color will make it eagerly sought for in making collections. Height five feet. Crown bud August 20th. We were not able to fill all orders last year, but are now in position to supply satisfactory stock.

**MRS. J. GIBSON**

A phenomenal variety. Enormous alike in stem, foliage and flower; color light pink, shading to deeper pink lines on ends of petals. We exhibited this variety 10½ inches deep and 10 inches across. Certificated, C. S. A. and scored 89 points. Height 4½ feet. Bud as soon as possible after August 1st.

Price: 50c. per plant, \$5.00 per doz., \$35.00 per 100



INTRODUCTION OF 1916—*Continued*



WM. RIGBY

**WM. RIGBY**

(THE YELLOW SPORT OF MRS. GILBERT DRABBLE)

This was the largest variety exhibited at the shows in 1915; color beautiful bright canary yellow. Lower petals of this variety are  $1\frac{1}{2}$  inches in width. While we have considerable stock on hand of this variety, it roots very poorly and orders will be filled in strict rotation, so would advise ordering early. Exact duplicate of Mrs. Gilbert Drabble, except in color. First prize for largest bloom at the Cleveland Flower Show.

**YELLOW WM. TURNER**

A light yellow sport from Wm. Turner; identical with its splendid parent in every respect, except in color; will be one of the most widely grown yellows for this season.

**Price: 50c. per plant, \$5.00 per doz., \$35.00 per 100**

## Introductions of 1915

Price: 20c. per plant, \$2.00 per doz., \$15.00 per 100.

### A. S. BALDWIN

A commercial yellow of the highest grade; this is another absolutely reliable kind that will give all perfect flowers. Holds its foliage splendidly and carries same right up to the flower. Baldwin is sure to rank as a staple yellow when generally introduced. Bud August 20th.

### ANTIGONE

This is a wonderful flower of purest white, which has been certificated by the Chrysanthemum Society in New York, Boston and Philadelphia. It is an absolutely reliable variety, every flower coming good, and we cannot too strongly recommend it as a commercial bloom to come in from October 1st to November 1st, depending on when the bud is taken. Dwarf, sturdy growth, 3 feet high; any bud.

### ADELE GRISWOLD

An enormous flower of bright pink, which carries the foliage well up the stem, and will rank as one of the largest varieties ever distributed. Height 5 feet. Bud August 20th.

### BOB PULLING

In this variety we have a wonderful 'Mum. Color pure yellow; flower is extremely large and comes right down to the foliage; the individual petals are an inch and a half in width and some ten inches deep. Has proved itself to be the finest thing in yellow we have ever imported. Bud August 1st.

### CALUMET

One of the very finest exhibition bronzes; large bloom, perfect in form and one of the easiest doers.

### EARL KITCHENER

SYN. "UNDAUNTED"

Amaranth, with a silvery reverse. An enormous flower in a color not too plentiful in exhibition 'Mums at the present time. Stem, foliage and flower are alike tremendous. There will never be any question about weak neck or poor foliage with this variety. Bud August 20th.

### GENERAL SMITH DORIEN

Old rosy red, with chestnut shadings. Rather tall, but the flower is beautiful in color.

### JOAN STRATTON

Beautiful shade of pearl pink; very large, reflexed florets, broad and of excellent substance.

### MISS MAY FOX

Pure white, with long, drooping petals; very tall grower, but a handsome variety.

INTRODUCTIONS OF 1915—*Continued*

MISS LELIA M. BENNET

Crimson; very large, distinct variety, stiff stem and beautiful foliage.

MRS. T. STEVENSON

Deep yellow, with bronzy red shadings. Splendid grower and perfect in habit.

MASTER REX

Amber, tinted with gold; grows rather tall, but is a magnificent variety in its color.

MRS. J. PURROY MITCHELL

Named in honor of the wife of the Mayor of New York. The color is of the purest snow; the same as the old Mrs. Weeks. The flower is enormous in size, reflexing in character and unquestionably, on account of its great purity, will another year loom up probably as the leader in white.

MRS. L. J. REUTER

A beautiful, high-class bloom of purest white; petals reflex and twist, making a handsome, artistic flower; habit of growth all that can be desired, and foliage A1.

MRS. R. C. PULLING

Clear yellow; an English variety, tremendous in size, which has made a wonderful showing in some of the exhibitions. Height  $5\frac{1}{2}$  feet. Crown bud August 10th and later.

MRS. H. J. JONES

Often called the "Green 'Mum" as it is the nearest approach to green of any variety sent out; very large flower; good foliage and stiff stem.

MANKATO

Purple-rose, fine reflexing form and splendid habit.

WOODSIDE

An enormous yellow, somewhat on the style of Daily Mail, but a much deeper color and broader petal. We have every confidence in its proving itself a first-class, reliable sort. Crown bud after August 15th.

WM. TRAFFORD

Amber, shaded salmon. Foliage very deeply cut and one of the most distinct varieties

Price: 20c. per plant, \$2.00 per doz., \$15.00 per 100

One each of any twelve of the 1915 varieties, \$2.25.



# Standard Varieties Exhibition Chrysanthemums

Price: 15c. per plant, \$1.50 per doz., \$10.00 per 100.

The following list are all splendidly adapted for exhibition and a few of them are useful for commercial purposes also, but they are placed in this section because they are more generally shown on the exhibition table.

- Beatrice May.** Superb white; queen of the exhibition table for years.
- Bronze Brighthurst.** A lovely buff-colored sport from the popular Brighthurst.
- C. H. Totty.** A glowing chestnut scarlet; flower, stem and foliage are alike enormous. One of the best all-around Chrysanthemums we have ever introduced to the American trade.
- Daily Mail.** Growth, foliage and flower are alike enormous. Color is a deep, buttery yellow. Tall grower, 7 feet. We suggest May cuttings and June planting to grow this variety to the best perfection. Bud August 20th or later.
- Elberon.** Large Japanese incurved, similar to Louiseau Rousseau in type and color; strong grower; stiff stem, with foliage well up to bloom.
- F. E. Nash.** An enormous reflexing pink, one of the strongest and best growers ever sent out.
- Flamingo.** Rich crimson; beautifully reflexed, good for either commercial or exhibition purposes.
- F. T. Quittenton.** Deep crimson; reflexing; one of the best of the crimson exhibition varieties.
- F. S. Vallis.** Largest yellow in cultivation and indispensable for use in short vase classes.
- Francis Jolliffe.** Always a winning yellow.
- Gertrude Peers.** Very beautiful crimson, which never burns, and shows the crimson color clear through, having no golden reverse. Beautiful, high-class variety.
- Harry E. Converse.** A chestnut crimson, with a bronze reverse. By the time the flower is finished it makes a perfect ball of fine bronze. This variety has proved itself much the largest thing in its color and is a splendid exhibition bloom in every way.
- Harvard.** Japanese reflexed, very dark crimson; in perfection November 15th and later.
- His Majesty.** A splendid crimson, very heavy grower; stiff stem and perfect foliage.
- James Fraser.** Aptly termed "The Improved F. S. Vallis." Color is a deep canary yellow; flower is as large as the old F. S. Vallis at its best, and stem is absolutely rigid with foliage right up to the flower. We recommend this variety as being the largest and best in its type at the present time. Crown bud August 1st onward.
- Lady Hopetoun.** Generally captures the prize for largest flower in the show. It is slightly weak in the neck, otherwise would be the finest of all pinks.
- Mary Mason.** Gigantic, bronzy red; one of the handsomest varieties and easiest doers in cultivation.
- Mary Poulton.** Lovely pale pink; when early bud is secured, will give an enormous flower.
- Miss Emma Roope.** Fine mauve pink; good foliage; stiff stem.
- Miss A. E. Roope.** Deep golden yellow; guard petals over an inch wide, hanging straight down over the foliage.
- Mrs. A. S. Watt.** A sport of Wm. Turner, identical in every respect, stem, foliage and color, the only difference being that the petals reflex instead of incurving as in the case of Turner. Has the same wonderful keeping habit and freedom of growth, and should, on its parent's record, become wonderfully popular. Bud August 25th or later.
- Mrs. M. H. Stevens.** Orange bronze; rather long neck; but flowers are simply enormous; particularly valuable in classes of twenty-four.
- Mrs. R. H. Boggs.** One of the largest whites ever introduced; always a winner at the exhibitions.
- M. Louiseau Rousseau.** Enormous, incurved pink, grand foliage, perfect stem; one of the finest of its type for exhibition.
- Mrs. W. E. Tricker.** Lovely flower of an enchanting shade of pink; petals slightly curved at the tips and on the whole produces a tremendous flower.
- Mrs. Gilbert Drabble.** On an early crown bud from August 10th, this variety produces a marvelous flower; petals are arranged in a whorl, rendering them most attractive. 20c. per plant, \$2.00 per doz.
- Mrs. J. C. Neill.** This variety is much like Cheltoni in form and color. It is a shade paler, but makes a larger flower and can always be recommended to grow for exhibition.
- Mrs. G. C. Kelly.** Old rose, with silvery reverse; perfect stem and foliage. Do not feed too heavily with this variety; as it is such a strong grower it is apt to take up too much nourishment.
- Mrs. Ernest Wild.** Chestnut crimson, with a bronze reverse. One of the most reliable varieties we have ever disseminated. Does not damp a petal and seems to come equally well on any bud, early or late. Height 5 feet. Foliage droops on stem, which permits of close planting of this variety.
- Mrs. Paul Moore.** Certificated on both commercial and exhibition scales. Color magnificent light yellow; stem perfectly stiff and foliage right up to the flower. An absolutely reliable sort to handle. Any bud. Height 3 feet.
- Mrs. G. Lloyd Wigg.** Light yellow. One of the best varieties Mr. Pockett has ever sent out. Foliage right up to the flower and conforming in every respect to the ideal exhibition flower. Any bud after August 10th. Height 5 feet.
- Meudon.** An immense flower of bright pink; same shade as Morton F. Plant. Habit of plant absolutely ideal. One of the strongest growers we have ever sent out. Dwarf grower, with beautiful foliage right up to the flower. Bud August 20th.



STANDARD VARIETIES EXHIBITION CHRYSANTHEMUMS—Continued

**Nakota.** Color deep orange; one of the largest incurving varieties; very strong grower.

**Nerissa.** Bright, rosy mauve. Fine form and stiff, upright growth, with rigid stem.

**Odessa.** Bright yellow; incurving form. A seedling from Merza, but much cleaner in growth.

**Pockett's Crimson.** The greatest thing in its color ever sent out. Crimson with a gold reverse. Makes a flower 9 inches across; splendid grower, with foliage right up to the flower.

**President Viger.** Rose pink; one of the finest for exhibition.

**Queen Mary.** When taken on a bud in July produces an enormous flower; too early for any but the earliest exhibitions.

**Reginald Vallis.** Deep rose, with long, narrow petals; a very striking variety.

One each of any twenty-five of the above varieties, \$3.00.

**Rose Pockett.** Old gold, shaded bronze. Purely an exhibition variety, but one of the finest kinds sent out.

**Silver King.** Very fine white; good size and form; rather early for the late shows, but a very tall grower.

**W. Mease.** An immense reflexing rosy-red; very valuable in a collection.

**Wm. Duckham.** For years, one of the best incurving, exhibition pinks.

**W. Woodmason.** One of the largest crimson varieties ever exhibited.

**William Vert.** Crimson, with every petal reflexing. Very easy variety to grow and one that will be popular with all the growers. Reverse of petal is bright gold, but practically every petal reflexes so the golden color is not seen.

## Standard Varieties Commercial Chrysanthemums

Price: 10c. per plant, \$1.00 per doz., \$6.00 per 100.

**Autocrat.** A commercial variety of great promise. Color snow white; growth dwarf and robust. We offer this variety as a late white, believing it will take its place with growers who are unable to handle Jeanne Nonin, as it can be gotten for Thanksgiving or Christmas, if desired; every bud forms a perfect flower. Certificated C. S. A., Cleveland, November 10th.

**Alice Salomon.** Very fine incurving white; a splendid commercial variety.

**Antique.** A deep bronze sport of the favorite Dr. Enguehard. It is a duplicate of Enguehard in all respects save color. We recommend this variety to commercial growers where bronze varieties are popular. Treat similar to the parent in every way.



AUTOCRAT

**Blush Pattie.** Blush white sport of the splendid pink commercial variety, Pattie, the most popular variety ever grown. Color blush pink which ultimately fades pure white. Many growers who have found Pattie a profitable variety will find this sport equally valuable in its color.

**Chieftain.** A beautiful, incurving pink of perfect shape. Certificated in Boston, Philadelphia and Chicago. Perhaps the finest incurved pink commercial variety in cultivation today.

**Colonel Appleton.** At one time the most largely grown yellow in cultivation. It is too well known to need description.

**Chrysolora.** This new variety can be briefly described as an early Col. D. Appleton, coming in 15 days earlier; is of larger size, stronger stem, not quite as tall, and in color is intermediate between this variety and Major Bonnaffon. Best buds are those selected August 1st to 15th.

**Dr. Enguehard.** Very largely grown as a late commercial pink.

**Early Frost.** Most popular early white, coming into flower September 15th onward.

**Golden Queen.** Fine, incurved yellow; form very double from any bud; a suggested improvement on Golden Glow.

**Glory of the Pacific.** Fine, early pink; dwarf grower; bud around August 20th.

**Golden Glow.** Bright yellow. Can be had in flower almost all the year.

**Maud Dean.** Late pink; a good coming variety.

**Major Bonnaffon.** Yellow; very largely grown. Is a commercial variety.

**Mrs. O. H. Kahn.** A first-class bronze; comes good on almost any bud, but produces the best color from a bud taken August 20th or later. One of the finest varieties in the bronze section.

## STANDARD VARIETIES COMMERCIAL CHRYSANTHEMUMS—Continued

**MARIGOLD** A monster yellow; flower unsurpassed both in size and color in its season; our first flowers of this variety were cut October 5th, this year. Must be secured on an early bud.

**Mrs. M. R. Morgan.** Very fine yellow; seedling of Timothy Eaton; splendidly shown last year.

**Nagoya.** Fine late yellow; can be grown for Thanksgiving if desired.

**Oconto.** White; fine large blooms on very strong stems; largely grown for its period, which is early midseason.

**October Frost.** Early October; the largest commercial white of its date.

**Pattie.** Very delicate, pleasing shade of pink. Good commercial variety and should be very popular. November 10th to 20th.

**Pacific Supreme.** Bright pink, coming in flower about ten days after Glory of the Pacific.

**Polly Rose.** Very easily handled and grown in enormous quantities for the wholesale market.

**Ramapo.** American seedling of Col. Appleton, which will take the place of that variety. It has all the good points of Appleton, the same color, splendid stem, foliage right up to the flower, and never shows a top-knot, as does Appleton.

**Salomon's Gold.** Yellow sport from the well-known Alice Salomon, but stronger in growth.

**Smith's Advance.** One of the earliest, large-flowering white varieties; can be had by September 15th.

**Smith's Sensation.** Delicate shade of light pink; beautifully incurving in form.

**Tints of Gold.** Bright bronze; in full flower October 1st, and very valuable on that account.

**Thanksgiving Queen.** Very large, creamy white; always in flower for Thanksgiving.

**Timothy Eaton.** One of the best-known whites in cultivation and grown in tremendous quantities by the commercial growers.

**Unaka.** The long sought early October pink Chrysanthemum. A broad petaled Japanese incurved of great depth and size for so early a variety.

**William Turner.** The best variety we have ever introduced; it has

created a sensation when exhibited at the shows. Makes a perfect ball of the purest possible white. One of the best commercial kinds also.

**Wells' Late Pink.** One of the finest things sent out in its color in many years, flowering from November 10th onward. Crown bud after August 25th.

**White Gloria.** Pure white; like Gloria in every respect.

**White Bonnaffon.** An incurving white, still largely grown in quantity.

**White Chieftain.** Pure white sport of the variety Chieftain; duplicate of the parent in all respects save color, which is a pure white. One of the most valuable commercial varieties in cultivation at the present time.

**W. H. Chadwick.** White with a slight pinkish tint; more largely grown than any other variety for the Thanksgiving market.

**Yellow Chadwick.** A sport from W. H. Chadwick; a duplicate in all respects except color.

**Yellow Chas. Rager.** A yellow sport of the always-popular Chas. Rager.

**Yellow Miller.** A yellow sport of the bronze Mrs. J. A. Miller. One of the largest flowers we have and a variety which any commercial grower can make good money with. It is also a splendid thing on the exhibition table.

**Yellow October Frost.** A yellow sport of the well-known October Frost. Comes a much better color than yellow sports generally do. This will be particularly valuable to the commercial grower who wants a yellow companion for his October Frost.



CHIEFTAIN

One each of any twenty-five of the above varieties, \$2.00.





SOURCE D'OR

## Varieties for Pot Plants and Decorative Work

### SOURCE D'OR

Price: 20c. per plant, \$2.00 per doz., \$15.00 per 100.

We received a consignment of what we supposed was a new 'Mum, under the name of "Golden Feather." When it flowered we were simply delighted with it, but a careful investigation revealed the fact that it was our "old friend" "Source d'Or."

As grown by us in sprays this year, it is one of the most charming subjects in our establishment and many of our customers who have not seen this variety have a "treat" in store for them. Shown in New York and Philadelphia Shows, it was received most enthusiastically on account of its marvelous color, which is a wonderful warm bronze, running the gamut of colors from pale orange to deep reddish-bronze. In describing this variety it is impossible to do it justice, since it is so gorgeously shaded, and everyone who saw it growing in our houses described it differently.

### "GASTON QUINEAUX" (Nonin)

Price: 50c. per plant, \$5.00 per doz., \$35.00 per 100.

Color, glowing scarlet-crimson. This was sent to us as an Early Flowering variety, but we cannot recommend it for that purpose as it does not come into bloom before the first week in November. Grown as a pot plant for decorative purposes, it will be found exceedingly useful. This is one of the brightest colored varieties we have ever had the pleasure of distributing.

VARIETIES FOR POT PLANTS AND DECORATIVE WORK—*Continued*

## THE CAP FAMILY

Price: 15c. per plant, \$1.50 per doz., \$10.00 per 100.

The following varieties are listed separately for the convenience of the buyer, and are all particularly adapted for pot plant work. This is not to say that many other varieties not here listed are not adapted for pot plant work also, but these are the kinds usually grown for the wholesale markets in large quantities. They are often handled very satisfactorily by being planted out in the open ground in May, kept pinched into shape and potted September 1st. So treated they are a very profitable crop, blooming from October 15th to the end of the season, according to variety.

**Belle Mauve.** A good, all-around variety.

**Butler's Caprice.** Sport of Caprice du Printemps.  
Deep pink.

**Caprice du Printemps.** Deep, rosy pink. Sport of Caprice.

**Crimson Quintus.** Excellent decorative variety.

**Crimson Source d'Or.** Crimson. Sport of Source d'Or.

**Hortus Tolsanus.** Color old gold, shaded reddish bronze; habit of plant is ideal, whether grown as a pot plant or single flower.

**Kathleen Thompson.** Crimson. Sport of Caprice.

**Lilac Cap.** Deep lilac.

**Lizzie Adcock.** Deep yellow. Sport of Source d'Or.

**Mrs. Greening.** Lilac. Sport from Caprice du Printemps.

**Purple Cap.** Purple. Sport from Caprice.

**Pink Perfection.** Soft mauve pink.

**Source d'Or.** Bright orange, shaded gold.

**White Cap.** White. Sport of Caprice.

**Yellow Cap.** Bright yellow.

**Yellow Triumphant.** Clear yellow.



BEAUREPAIRE (See page 25)





## Japanese Anemone Novelty Chrysanthemums

Price: 50c. per plant, \$5.00 per doz., \$35.00 per 100.

The wonderful varieties mentioned in the following pages were raised by Mr. Carl Schaeffer, of Tuxedo Park, New York, and when exhibited as "The Tuxedo Collection," created a sensation at the shows in New York, Philadelphia and Tuxedo. They present the most striking break we have had in Chrysanthemum culture for the last fifteen years, and cannot fail to be received with immediate favor. The varieties mentioned have all been certificated by the Chrysanthemum Society of America and we can strongly recommend this wonderful collection to every customer who is trying to satisfy the "eternal craving" for something new. We always endeavor to be the leaders in our Specialty—Chrysanthemums—and we were very fortunate in securing these Japanese Anemone types for dissemination this year.



INNOCENCIA



OLD ROSE

## Japanese Large-Flowered Anemone Novelties

Price: 50c. per plant, \$5.00 per doz., \$35.00 per 100.

### INNOCENCIA

Outer petals of pure white; central petals most beautifully flushed pale pink; edges of the tubular petals in center of light yellow. Fine growth; an exquisite variety.

### OLD ROSE

As its name implies, a wonderful old rose color; center portion of the flower is very prominent, measuring 5 inches across. This is one of the largest of the series, being 9 inches across when grown five or six flowers to a plant. The edges of the center petals are tipped gold and in contrast with the old rose of the outer petals makes a ravishing combination.

### WILFREDA

Outer petals pale yellow; center petals bronzy, tipped straw yellow. Plant is a very strong grower and the flower holds itself very stiff and erect, when cut on long sprays. This is a distinct appearing variety as the petals on the flower stand out at right angles from the center tuft.

### H. J. HEINZ

The largest of the set; light canary yellow in color on the outer petals with a fluffy, deep orange center. The large petals, as well as the center petals of this variety are tubular in form, which gives it a novel appearance.



WILFREDA



H. J. HEINZ





GRAF VON FLEMING

### GRAF VON FLEMING

This is a charming variety; color of the purest pale lavender; the petals of this exquisite flower are very narrow and refined; the outer petals are tubular until they reach the edges where they open and droop back. This was one of the most popular in the shows this Fall.

### CLEMENCIA

Deep pink, shading to a deeper pink in the center cluster; this latter is very prominent since it is just crowded with petals and reaches across the flower about 4 inches. At first glance it reminds one of an artificial flower of crepe paper; as the petals are very crisp and showy.



CLEMENCIA

### JUNO

Deep lilac, shading to white; the center head being loose and graceful and of a deeper shade than the outer petals; a magnificent variety in its color; foliage and stem all that can be desired.

### PEPITA

Pale pink on outer petals, with an orange-yellow center; a delightful combination as seen in this type of Chrysanthemum. This flower is much heavier than many of the other varieties; the petals being of such strong texture permits of its being shipped considerable distance and arriving in perfect shape.



JUNO



PEPITA





TITIAN BEAUTY

**TITIAN BEAUTY**

Color deep, rich bronze, shading in center to scarlet. Personally, we consider this the most striking of the collection; outer petals reflex, showing the center to advantage; the plant is very strong in growth, with heavy, dark green foliage.

**GRAF VON ORIOLA**

Strongest grower of the set; color pure rose pink; tubular petals in center tipped gold; ends of the outer petals incurve slightly, making a bold and striking appearance; very bright foliage.



GRAF VON ORIOLA

**YELLOW PRINCE**

Maize yellow, with center of brilliant orange yellow; fluffy variety as the tubular petals are loosely arranged in the center, giving the flower a very light and airy appearance. One of the most attractive of the group, in color and style of growth.

**WEE WAH**

This is a gorgeously colored sort; the general effect is terra cotta, shading to bronze yellow, somewhat of a flame color; the outer petals are very brilliant and distinct looking, as though gold dust were powdered over their yellow-crimson color. This is a dwarf, handsome grower and should be very popular.



YELLOW PRINCE



WEE WAH



MRS. HARRISON CRAIG (See page 23)

## Hardy Garden Section

The types that follow in the succeeding pages are all Hardy, and can be depended on to flower most satisfactorily in all the States from New York, south, and many of them, such as the New Early Flowering varieties, give splendid results even into the Northern New England States.

The types I recommend are the Early Flowering, the Singles—saving the Late Flowering sorts—and the Pompons. The Early Flowering are the most tender, but they give five to six weeks of perfect satisfaction outdoors in an ordinary season, which is more than any of the other varieties will do.

The Singles are so hardy that in many cases they seed themselves in the garden, and many amateurs are producing splendid varieties without the aid of a greenhouse; Mr. Francis H. Bergen, who gives us the splendid Miss Ruth S. Bergen, and Mr. W. H. Waite, the producer of "Charlotte Waite," being two of the most notable growers in this respect.

I am informed that Outdoor 'Mums are not satisfactory in the Mid-western states, as the first frost comes often by September 20th, but I am convinced that much of the trouble is due to the wrong varieties being planted; such as greenhouse sorts, which are too tender to withstand such conditions. A temperature of 22 degrees will blast the open flowers, but it will not injure the unopened buds in any way, and as a rule, after the first frosts have gone, there are weeks of lovely "Indian Summer" weather when the outdoor Chrysanthemums can be enjoyed to their fullest extent.

If customers will write me regarding selections, I will be pleased to give advice regarding the best sorts to grow.



## Early-Flowering Chrysanthemums

This type of Chrysanthemum deserves a place in every garden, coming as it does after the Summer flowers have begun to wane, and continuing to bloom profusely in most places until well into November.

The cultivation of these 'Mums is simple: Plant them in a rich, well drained piece of ground, setting out the plants a foot apart and pinching them once or twice during the months of May or June. They will branch out and make beautiful bushes and give the cultivator more return for the labor expended than any plant in the garden. There is a place for this type of 'Mum in every garden in America, whether one has greenhouses or frames or not. Some growers who have grown these as pot plants have had great success with the same and we can recommend them highly for that purpose.

We will be pleased to answer any and all questions relative to these varieties.

We are the American agents for August Nonin, who has made a specialty of the Early Flowering varieties for many years and to whom we are indebted for many of the best varieties:

## Novelties

Pot Plants: 2¼-in., April delivery, 50c. per plant, \$5.00 per doz., \$35.00 per 100.

### " MRS. HARRISON CRAIG "

One of the most unique-colored varieties we have ever handled or disseminated, the groundwork of the petals being yellow overlaid with brilliant, orange-crimson, which on first inspection looks as if it were fine powder sprinkled over the flowers. These blooms created a furore wherever shown; showing up even more effectively under artificial light; dwarf and robust growth, ideal in habit, and a variety that we predict will be grown for many years on account of its marvelous color, handsome habit and hardiness.

### MRS. DEAN EMERY

Color, brilliant chamois-pink, on the style of Le Pactole; flower exceptionally large and distinct, and wonderfully lasting. This variety does not have the tendency to run to bud as do so many of its type, but starts growing early in the season and continues to do so for many weeks. Stem and foliage ideal.

### " SECRETARY REAGAN "

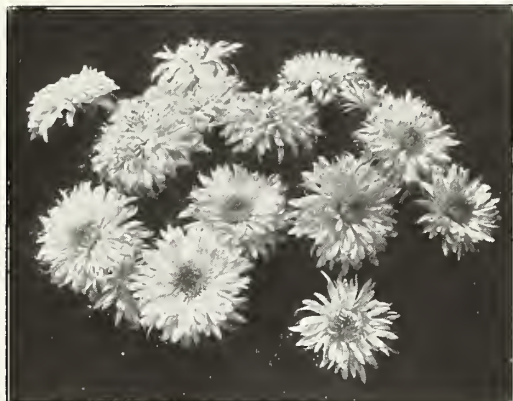
Flowers of purest possible white with petals of great substance; it is the best white French variety we have had and the flowers remind one of a perfect white Dahlia, since they are very waxy and stand out erect from the center of the flower. The foliage is a beautiful dark green, and the stem is very stiff. Secretary Reagan will occupy as commanding a position in the list of Early Flowering White 'Mums as does its esteemed namesake in horticulture.



EARLY FLOWERING CHRYSANTHEMUMS, STANDARD VARIETIES—Continued ] 1 1 . 1



CRANFORDIA



DEBUTANTE

## STANDARD VARIETIES

Price of these varieties: 20c. each, \$2.00 per doz., \$15.00 per 100. Our selection, \$10.00 per 100.

**Antoinette Lanquetot.** A splendid dwarf grower; very stiff stems; color white, beautifully flushed with delicate lilac rose.

**A. Barham.** A beautiful orange bronze and the first variety of this color to come into flower. Shows up wonderfully well under light when used as a decoration.

**Beaurepaire.** Beautiful bright pink, coming into flower directly after Hortense Malgat and furnishing quantities of charming flowers. As a pot plant this variety will rank very high, coming in ahead of Polly Rose and other pink sorts used for this purpose.

**Brune Poitevine.** Deep, glowing crimson, the color of the old Cullingfordi. We must concede the palm in crimson to this variety as it is much more brilliant than L'Argenteuillais.

**Cranfordia.** In this variety we have an early-flowering 'Mum that covers every possible point; perfect in flower and stem; foliage up to the flower and every plant will carry twelve to twenty beautifully finished flowers. We cannot too strongly recommend this variety to grow in large blocks for cutting, as we are positive it will fill all requirements. Color deep, bronzy yellow.

**Carmelite.** Deepest golden yellow; very free.

**Cranford White.** Purest white; very well-known variety.

**Crimson Pride.** Crimson, tipped gold.

**Carrie.** Deep yellow; beautiful and one of the best known.

**Chas. Jolly.** Bright, rosy pink; splendid variety and popular with everyone.

**Dorothy.** Snow white. The most vigorous of all the early whites. Makes the most beautiful sprays and if disbudded and numerous shoots left on the plant they will finish every flower with a perfectly stiff stem.

**Debutante.** Pure white in color, perfect in shape, and if the plant is pinched until July 1st will give quantities of snow-white flowers on stems amply long enough to use as a cut flower.

**Diana.** Bronze orange, shaded gold.

**Evelyn.** Crimson bronze, in full flower September 20th.

**Etoile d'Or.** Yellow.

**Firelight.** Brilliant carmine, shaded with scarlet. In perfect condition to cut October 1st, either outdoors or under glass. The earliest and best thing in its color.

**Francis.** Bronzy red; splendid habit.

**Hortense Malgat.** Color a magnificent pink. In full flower October 1st. One of the choicest varieties we have. Very productive.

**Harvest Home.** Deep bronzy yellow.

**Helena.** Chestnut, shaded gold, with gold tips. In flower September 18th.

**La Rhin.** Reddish terra cotta; stiff habit.

**L'Aisne.** Violet purple; dwarf; sturdy habit and free flowering.

**L'Argenteuillais.** Deep chestnut.



MILKA—(See page 24)



EARLY FLOWERING CHRYSANTHEMUMS, STANDARD VARIETIES—*Continued*

MISS B. HAMILTON

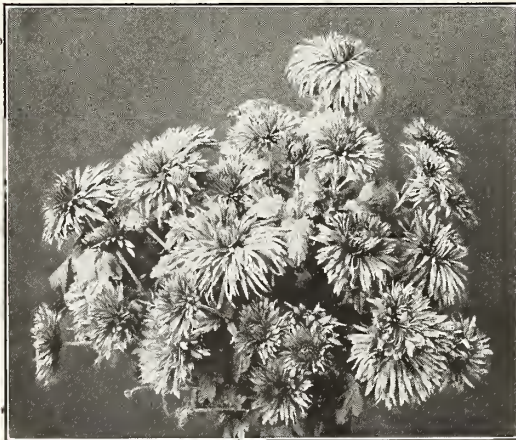
**Le Pactole.** Bronzy yellow; large flower; strong grower; slightly dishud.

**Le Tage.** Terra cotta.

**Lucifer.** Reddish crimson; striking color and first-class variety.

**Milka.** A valuable variety; very dwarf and stocky; color, as the name implies, clear milk white. We consider this the best of the white varieties in this type of early-flowering Chrysanthemums.

**Miss B. Hamilton.** Splendid, deep yellow, the petals of which stand out perfectly straight, showing the flower to the best advantage. This variety is very much on the style of Cranfordia, but the foliage comes up much closer to the flower.



POMPONETTE

**Madam de L'Argentaye.** Plant very healthy doer; medium to tall grower. Color beautiful shade of flesh pink, flushed lavender.

**Madam Marques.** Blush white, splendid variety, and fully developed by October 1st. Amply repays for disbudding and good care.

**Miss Burchfell.** Deep, bluish pink, with gold center.

**Nellie Blake.** Chestnut crimson; in full flower September 20th. Dwarf, handsome variety.

**Normandie.** Creamy white; magnificent variety. The earliest and perhaps the best.

**Odette.** In full flower October 1st; splendid habit, either for pot plants, or growing in sprays. The color is a bright, rosy lilac.

**Pomponette.** Glowing yellow, and when fully developed the lower petals stand out straight, forming a perfect outline, making the flower as round as a coin. There is something irresistibly Japanese about the appearance of this variety and it will be accorded a high place when generally distributed.

**Petite Louis.** Beautiful silvery mauve. Plant is a very strong grower and one of the most satisfactory varieties we have ever tested, for outdoor cultivation.

**Petite Jean.** On the style of Perle Chatillonaire, but comes into flower about a week later. Color pure white, with a light yellow center.

**Vesuve.** Bright red; splendid dwarf habit.

**White Countess.** Snow white; dwarf and beautiful; classed as an easy doer.

**One each of any twelve of the above varieties, \$2.25.**



H. MARIE TOTTY

## Novelties in Single Chrysanthemums

30c. per plant, \$3.00 per doz., \$20.00 per 100.

### CHARLOTTE WAITE (Waite)

Deep rose pink, with bright yellow center. This variety has been grown outside the last three years, and is absolutely hardy. The strong point in its favor is that it is always in flower the 5th of October. Splendid dwarf habit which does not require staking. Plant will make a round, compact bush 2 to 3 feet across, and when fully in flower, its lovely pink blossoms are a sight not easily forgotten.

### CARLOTTA

A careful perusal of Ridgeway's color chart establishes the color of this variety as near as we can come to it as a Massicot yellow fading eventually to white; the growth is ideal, the individual foot stalk being very stiff, and conforming in every respect to the ideal commercial growth; very dwarf in habit. In flower November 10th.

### H. MARIE TOTTY

We consider this the finest Single we have ever had the pleasure of introducing; the flowers are a little late for the first shows, but are in perfect condition by November 10th, and keep splendidly from then until Thanksgiving. Color is a brilliant crimson, with scarlet shadings near the center of the flower, center is bright green and the flower has a bright zone of yellow near the disc, around the petals.



NOVELTIES IN SINGLE CHRYSANTHEMUMS—*Continued*

## " HENRIETTA TAYLOR "

Pale lavender with pink shadings and a white zone around the center. In flower October 25th, one of the most popular varieties shown this Fall.

## " MILLICENT PIPER "

Most quickly described as an earlier Mensa, coming into bloom 10 days before Mensa; equally as large and vigorous in habit and not so subject to disease as Mensa. This variety was in the market and sold before Mensa was ready to ship, and proved itself a most profitable sort.

## ROSE WALKER

Most distinct flower in the collection this year; color bronzy-red, with flowers twisted on the edges like a Cactus Dahlia, and tipped blood-red; some of the petals have this latter color running through them; a very novel sort.

## MRS. ALBERT PHILLIPS

Deep lavender in color, one of the earliest of the Singles to develop this year; fully open October 5th, when first opening the contrasting color is a lovely cream, charming and beautiful.



ROSE WALKER



MRS. ALBERT PHILLIPS

NOVELTIES IN SINGLE CHRYSANTHEMUMS—*Continued*



VERONICA



"MISS RUTH S. BERGEN"

VERONICA

A chastely, beautiful variety; lower petals delicately flushed the palest possible pink, the center of the flower is white, the petals instead of coming to a point as many Singles do, are delicately rounded. The plant is ideal in growth and will carry six or eight flowers on every spray as the foot-stalk is long and the flowers equally well divided.

VIVIAN COOK

A delightful addition to the already large list of yellow; coming in as it does a week before Golden Mensa, with a larger flower, it fills in nicely; the color is a brilliant-canary yellow, somewhat different from any other yellow ever sent out.

"MISS RUTH S. BERGEN"

(Bergen)

Brilliant amaranth with a straw-yellow zone around the center; the picture shows sprays of this Single cut outdoors from a plant which made a growth 6 feet high and carried numerous sprays of flowers with 12 to 16 blooms on a spray. This variety was raised outdoors without having ever been grown in a greenhouse and is particularly strong and healthy.





EXCELSIOR

GOLDEN MENSE

WM. W. BUCKINGHAM (see page 29)

## Single Chrysanthemums—Standard Varieties

**Price:** 15c. per plant, \$1.50 per doz., \$10.00 per 100. My selection, \$8.00 per 100.

**Cardinal.** Color most brilliant crimson; has several rows of petals, giving the blooms considerable body and causing it to show up magnificently in a collection of varieties.

**Crimson Jewel.** Rather tall grower, but one of the finest Singles ever introduced.

**Dr. Bowles.** Cerise pink; specially valuable for later exhibitions, and can be grown for Thanksgiving if desired. Growth very dwarf and robust, greatly resembles Mrs. Buckingham, but comes in about two weeks later.

**Ceddie Mason.** Bright crimson; medium-sized flowers make wonderful display.

**Ceddie White.** One of the most distinct singles ever introduced. The ground color of the variety is yellow and the tips of the petals are beautifully colored blood red.

**Chas. Kingsley.** Golden yellow; perfect shaped flower and a splendid thing in every way.

**Dorothy Dann.** A lovely salmon bronze, medium in size. Flowers are well divided and carried on long, graceful sprays.

**Excelsior.** A gorgeous variety. When first opening almost a scarlet, which afterward changes to bronze and flame color. One of the very largest and most attractive singles ever introduced.

**Elsa.** Snow white, with a lovely golden-yellow center, making a lovely plant when grown in sprays.

**Elsie Newton.** Purest white, somewhat star shaped; one single row of petals and a beautiful variety for table decoration.

**Ernest Westlake.** Growth very sturdy and robust; foliage right up to the flower; footstalk particularly stiff; color lovely shade of light pink. This variety will make a wonderful pot plant and is one of the showiest in the collection. The petalage is very odd, being fimbriated at the ends.

**Gladys Duckham.** One of the largest whites Certified by the C. S. A. at Philadelphia and Boston.

**Grace Darling.** Beautiful white. Should not be disbudded. Makes beautiful sprays for cutting.

**Golden Mensa.** The parent of this variety, Mensa, is probably the finest single that has ever been raised. It is of a wonderful size, with enough petalage to enable it to be shipped thousands of miles and come out of the box in perfect condition. In Golden Mensa we have a yellow sport of the same, identical with Mensa in every way except color, which is a bright, golden yellow.

**Ivor Grant.** A splendid rose pink, single, with a white zone around the brilliant yellow center. A very valuable addition to the many wonderful pinks already in cultivation.

**Irene.** Deep lavender, with bright white zone round center; carries three rows of petals. The first in its color to open with us this year, being ready to cut October 1st.

**Jean Edwards.** Beautiful pink; a very handsome variety.

**Josephine.** In this variety we have a splendid single. Yellow in color; flower is heavy in texture, foot-stalk perfectly stiff and when disbudded will produce flowers about six inches across. This is a variety every grower should handle. Certified by C. S. A.

**Louise.** This flower is an exquisite shade of light salmon pink with yellow shadings; a distinct and lovely color; blooms profusely outdoors by October 1st, and still in splendid shape six weeks afterward.

**Lady Mowbray.** Deep orange yellow; individual flowers are very large, carrying three rows of petals. On account of the marvelous color of this variety and its magnificent size, we feel justified in calling it the finest we have ever distributed.

**Mensa.** Purest white. This is a splendid variety. Certified by C. S. A.

**Mrs. W. A. Higgs.** White, flushed pink; very large, handsome variety.

**Margaret Walker.** Orange bronze. This variety has only a single row of petals, but the flower is extremely large, running over six inches across when disbudded and the color is very striking.

**Mrs. Lou Thompson.** Primrose-colored sport from Mensa. Must not be confused with Golden Mensa, which is considerably deeper in color.



SINGLE CHRYSANTHEMUMS—STANDARD VARIETIES—*Continued*

**Marion Sutherland.** Very large yellow; double rows of petals; brilliant and very attractive. Either slightly disbudded or grown in long, graceful sprays, it makes a very handsome flower.

**Mrs. H. Hogben.** Orange bronze; charming color for table decorations and has every other desirable attribute. Medium height and growth; perfectly stiff foot stalk, which shows the flower at its best.

**Margaret Sargent.** A dainty sweetly pretty pink; good stiff habit, making it splendidly adapted for bush plants.

**Mrs. A. Middleton.** A rich, canary yellow; every petal reflexes, showing the flower to the best advantage; a very handsome variety.

**Mrs. John A. Stewart, Jr.** A lovely bronze with yellow zone immediately around the center disc; just the color that associates itself with Autumn foliage; probably the most popular variety we exhibited at any of the exhibitions. Certificated by C. S. A.

**Mrs. Chas. C. Mickle.** Splendid flower, conforming in all respects to the type; color the purest possible white, bright golden center; a great improvement on R. B. Burge; in habit and flowering about a week later. Certificated by C. S. A. with a score of ninety points.

**Mrs. E. H. Wells.** Petals creamy white in center shading to palest lavender on outer edges; refined and beautiful flower the admiration of all who have seen this variety both in the greenhouses and at the exhibitions.

**Mrs. H. Shoebridge.** This variety has only a single row of petals which are most artistically twisted and whorled; color a lovely shade of rose pink and this variety we feel sure will find a place in every establishment.

**Mrs. W. E. Buckingham.** Midseason pink; has proved itself one of the best varieties for cutting or market purposes ever introduced. We cannot too strongly recommend this variety, as it fills all the requirements of an ideal market single.

**Mrs. E. D. Godfrey.** Light pink; same shade as Lady Hopetoun; very finest variety for Thanksgiving market; very strong grower and more largely grown than any other single.

**Manor House.** Terra cotta. Very handsome variety for the collections.

**Miss Mary Pope.** Pale pink; very large flower; one of the very best.

**Phyllis Bryant.** Sulphur yellow. The flower is absolutely perfect in outline and one of the very finest yellows we have so far received for cutting and shipping. We strongly recommend this variety to every grower.

**Dolly Duncan.** Canary yellow. Flowers very large and borne erect on good, stiff stems. A most desirable variety.

**R. B. Burge.** Purest possible white flower, with a bright yellow center. Like a beautiful Pond Lily.

**Richard Delafield.** Exceptionally novel in color; a very deep terra-cotta with scarlet shadings. One of the most brilliant varieties we have ever distributed. When shown in conjunction with a white variety the effect is marvelous.

**Red Riding-Hood.** Earliest red single to flower, making a blaze of bloom in the garden by the end of September.

**Snowflake.** Purest white. A large, splendid flower that is most attractive.

**Stanley Ven.** Lovely rose color; sprays are well divided, doing away with the necessity of any disbudding. Certificated at Philadelphia, Boston and Chicago.

**Sylvia Slade.** Rosy garnet, with broad, pure white ring around the disc; as true as a Cineraria flower. The habit and freedom of flowering are superb.

**Yvonne.** Brilliant, bronzy amber, on the style of Dorothy Dann, but a shade lighter in color.



PHYLLIS BRYANT

One each of any twelve of the above varieties, \$1.50.



LILLIAN DOTY (see page 31)

## Improved Hardy Varieties

Price: 20c. per plant, \$2.00 per doz., \$15.00 per 100.

### BALDWIN'S SCARLET

As the name implies, this is the nearest approach to scarlet in color that we have so far been able to produce; growth is particularly strong and robust, and this variety will prove a splendid companion for such kinds as Golden Climax and Donald.

### DONALD

Light pink; very fine grower.

### GOLDEN WEST

A duplicate of the Yellow Baby, except that it is twice as large. A prize winner at Cleveland and Chicago.

### GOLDEN CLIMAX

Orange yellow. In our opinion the finest of the many yellows now in cultivation, possessing every necessary qualification. This variety has been admired more than any other variety in the exhibitions, particularly at Chicago. Truly named, as it does not seem possible to improve on this variety.

### INEZ

Scarlet bronze; very brilliant; tall grower.



CHRYSANTHEMUMS—IMPROVED HARDY VARIETIES—*Continued*

## LILLIAN DOTY

It is much the finest pink in the large-flowered section of the entire Pompon family. The plant is a tremendous grower and will make stems four and five feet long, producing beautiful sprays of clear, light pink flowers.

## MARY

Pearl white, flushed pink.

## MRS. FRANCIS H. BERGEN

Creamy white with center of rosy pink shading to lighter pink in the outer edges. As the flower ages it changes to a charming pale lavender. We consider this the most valuable of the many sorts introduced, for garden work; blooms October 25th.

## NIPPON

This Pompon makes an ideal pot plant, being short-jointed and bushy in growth, forming a perfect plant with practically no pinching. Color flesh-white, with light yellow center. We strongly recommend this variety for either pot plants or bench culture, as well as being one of the best outdoor varieties we ever introduced. Season of flowering, first week in November.

## WESTERN BEAUTY

A deep rose-pink, rather late for the shows, but one of the best Pompons ever introduced.

## WHITE DOTY

A sport of the popular variety, Lillian Doty, and a duplicate of the parent in every way, except color, which is pure milk white. This is a hardy plant that will grow outdoors just as well as in the greenhouse, and will give the grower wonderful results grown either way. Every stem on the plant carries a spray of eight or ten perfect flowers, and with its bright, glossy, green foliage and stiff, erect growth, this charming variety fascinates everyone.

One plant each of all the above varieties for \$2.00.



GRACE (see page 32)

INEZ (see page 30)

DONALD (see page 30)

GOLDEN CLIMAX (see page 30)

CHRYSANTHEMUMS—IMPROVED HARDY VARIETIES—*Continued*

## STANDARD VARIETIES

Price: 10c. per plant, \$1.00 per doz., \$7.50 per 100.

**Baby.** Everybody's favorite. The smallest yellow variety grown.

**Baltimore.** Violet red; large single; quilled petals.

**Baby Margaret.** Said to be a pure white sport of Baby; a very beautiful thing.

**Excelsior.** Large flowers; bright, orange yellow; long stems.

**Elkton.** Light pink; full, large flowers.

**Eagle d'Or.** Clear yellow; rather tall.

**Grace.** Blush white; occasionally tinged with rose. Dwarf, perfect habit.

**Iva.** Dwarf bronze; wonderfully free-flowering.

**Julia Lagravere.** Crimson maroon; for cut flowers.

**Jeannette.** The earliest yellow we have.

**Kenneth.** Pure white; large flowers.

**Lelia.** Splendid scarlet bronze in color; tall, handsome flower, quite large in size.

**Lulu.** Very handsome dwarf white; fine for pot plants.

**Mrs. Frank Wilcox (Mrs. Frank Beu).** Color, reddish-orange, splendid variety for Thanksgiving use.

**Minta.** Very free flowering light pink; splendid, upright growth and unsurpassed in its color.

**Maid of Kent.** White, tinted with rose.

**Myers' Perfection.** Fine, pure white; tall grower.

**Matilda.** Very handsome white; Anemone center.

**Quinola.** Deep yellow; very neat flower.

**Queen of the Whites.** Fine, creamy white; best in its color.

**Susquehanna.** Very fine yellow.

**Triomphe d'Or.** Rich, golden yellow.

**Tiber.** Reddish brown, tipped yellow.

**Urith.** Large flowers; broad florets; bronze, tipped yellow.

**Wm. Sabey.** Canary yellow.

**Wm. Westlake.** Golden yellow.

**Waco.** Very fine white.

**Yellow Gem.** Large, full flowers; pure yellow.

**Zenobia.** Pure yellow.

**Wallace.** Pure yellow; perfectly formed flowers.

## New Small-Flowered Anemone Chrysanthemum

### "NORMAN REUTER"

Deepest golden yellow, with its small, tufted head of bright orange in the center. Growth very short jointed; ideal for growing as a pot plant or cut flowers in sprays when slightly disbudded. Most valuable addition this type has had in years.

Price: 30c each,

\$3.00 per doz.,

\$20.00 per 100.



NORMAN REUTER





GODFREY'S PERFECTION

## Japanese Anemones

Price: 15c. per plant, \$1.50 per doz., \$10.00 per 100.

This type of 'Mum is too often classed with the Singles, whereas, as a matter of fact, they are entirely distinct, and should be so rated. The center or "boss" as it is known, is in most cases, very prominent with innumerable tube-shaped petals, as shown in the illustration; Garza being an excellent example of the Anemone type.

**Citrinus.** Buff, orange center.

**C. L. Hutchinson.** In this variety we have the ideal Anemone. The color of the petals is a pure white and the Anemone center is a bright yellow, making a beautiful contrast. Entirely distinct from Garza and flowering, as it does, some ten days before that variety, makes it a very valuable acquisition.

**Excellence.** Pure white.

**Esa.** Splendid pink.

**Garza.** Pure white. The most largely grown variety.

**Godfrey's Perfection.** A late variety which comes in excellent condition for Thanksgiving. Dwarf,

robust habit, very stiff stem. Color of flower a beautiful, clear white.

**Mme. Robt. Owen.** Pure white; good.

**Mrs. Heneage.** Brassy yellow; sport from Delaware.

**Mrs. Shimmings.** Apricot, shaded red; a lovely color.

**Surprise.** Pink; very large and good.

**Snow Queen.** Large, handsome variety, particularly adapted for cutting; flowers purest possible white, as its name signifies, but central boss is not quite so prominent as is usual in this type.

**Yellow Garza.** Duplicate of Garza in every way except color.

## Anemone Pompons

Similar to the Japanese Anemones but these are much smaller in size, running about the size of the Hardy Pompon 'Mums—hence the name.

**Astarte.** Bright, brassy amber.

**Ernest Carr.** Crushed strawberry color.

**Hon. Mrs. Cubitt.** Light buff; good pot plant.

**Rose Marguerite.** Rose; handsome dwarf habit.

## Novelty Carnation for 1916

Rooted Cuttings: \$2.50 per doz., \$16.00 per 100.

Pot Plants: 2½-in., \$3.00 per doz., \$20.00 per 100.



COTTAGE MAID

### Carnation Cottage Maid

A sport of Mrs. C. W. Ward, with the same habit of growth, high quality of flower, fine keeping and shipping qualities as its parent. In color it is light pink, verging on the flesh. It never fades, the color becoming slightly darker in spring and fall when the sun is hot. Very popular with the public.



# CARNATIONS

## Introductions of 1916

**Rooted Cuttings:** 12c. per plant, \$1.25 per doz., \$8.00 per 100.

**Pot Plants:** 2½-in., 15c. per plant, \$1.50 per doz., \$12.00 per 100.

### MISS ALICE COOMBS

This fine new pink variety has proven a first-rate commercial sort in all requisite qualities, besides being of lovely, clear, bright pink, a trifle deeper than GLORIOSA, but a free, strong grower, with medium grass and a long, very strong stem.

It belongs in the large-flowered class, blooms freely produced, one of the very best keepers and an easy doer; the form being fine, and quite distinct from all other sorts.

### BELLE WASHBURN

Brilliant red; about four inches across; on long stems; non-bursting calyx; free and continuous blooming variety; coming into flower about December 1st, and producing profusely all Winter.

### PRINCESS DAGMAR

Largest and finest Carnation ever produced in crimson; a wonderful keeper and one that we can recommend with confidence. Stock is scarce; as Dagmar is not classed as a commercial variety.

### YELLOW PRINCE

We are often asked for a yellow Carnation and submit Yellow Prince as being the only variety of its color worthy of consideration. This is a splendid, bright, clean yellow, with foliage a rich green and habit of plant vigorous and free from disease.

## Standard Varieties

**Rooted Cuttings:**

60c. per doz., \$4.00 per 100.

**Pot Plants:**

2½-in., \$1.00 per doz., \$7.50 per 100.

### PINK

**Alice.** Medium-sized blooms; perfect in form. Color a beautiful shade of clear blush-pink. More productive than Enchantress, with the same freedom of growth, and habit of plant all that can be desired.

**Enchantress.** The standard light pink; too well known to need any description.

**Enchantress Supreme.** A splendid variety that is making good everywhere. Color is a light salmon pink several shades deeper than the original parent, Enchantress, and this variety persists in the bright sunlight without fading. It is better than Enchantress in every way. We cannot too strongly recommend this variety. Calyx is a non-splitter, and the plant is just as productive as the old Enchantress.



PRINCESS DAGMAR

CARNATIONS—STANDARD VARIETIES—*Continued*

**Gloriosa.** Loveliest color of all the Carnations, but a hard variety to propagate.

**Good Cheer.** Color deep pink, darker than Gloriosa. Stems extra long and stiff. Size 3 to 3½ inches and has good keeping qualities. Growth straight and upright, making well-shaped plants. Early and continuous flowering. As a producer it has exceptional merit; a bench in full crop impresses one with its great productiveness and commercial value.

**Gorgeous.** A fancy Carnation in every sense of the word. This variety will make stems 2½ to 3 feet long. Considering its size it is very free. It is a variety that carries everything before it on the show table and has been awarded the A. C. S. Gold Medal.

**Northport.** This variety has made a wonderful name for itself as a first-class dark pink Carnation. Very free; comes into bloom quickly in the Fall and maintains its cut all Winter.

**Mrs. C. W. Ward.** Deep pink, large, perfectly formed flower with full center. Very popular in all the wholesale markets.

**Philadelphia.** The ideal rose-pink Carnation. Ideal in color, productiveness, size of bloom, non-splitting calyx, and length of stem. Seems to be making good everywhere.

**Pink Sensation.** The flower is extremely large, averaging 4 to 4½ inches, full and deep. The keeping qualities are better than ordinary, having often kept in good condition ten days after cutting. The color is a well defined pink, somewhat lighter than Gloriosa. The growth is stocky, has a heavier foliage than ordinary and throws good, long, heavy flower stems. The large size, well-shaped blooms, pleasing color, long stiff stems and its unexcelled keeping qualities, combined with its strong, clean habit of growth, give it class and commercial worth.

## SCARLET

**Beacon.** The standard red. One of the freest Carnations grown and in more demand than any other variety.

**Commodore.** The non-splitting scarlet. Comes into bloom early and brings a splendid Christmas crop. A clean, healthy grower, with strong stem and calyx.

**Champion (Dorner).** The most promising scarlet since the introduction of Beacon. F. Dorner & Sons, to whom we are indebted for this remarkable variety, have given us many of our best varieties and it looks as though their claim for Champion that "it will be a scarlet White Wonder," is well founded.

## WHITE

**White Wonder.** Begins to bloom in September and blooms throughout the season. Snow white and very fragrant. Exceptionally large in size.

**White Enchantress.** Of the pure white strain. Splendid variety and satisfactory in all seasons.

**White Perfection.** Grand white in the Fall and unsurpassed in sections where it does well.

**Matchless.** Well named the Matchless White. Winner of two gold medals at the International Flower Show, New York, 1913. Blooms early and continuously, and should line up as a great commercial variety. It seems to be easy to handle and very free. Flowers extra large and wonderfully fragrant.

## VARIEGATED

**Benora.** Clear white, penciled bright red. Narrow foliage; very free, vigorous variety.

Best I ever received; some truly wonderful varieties among them far surpassing many for which we have paid high prices.

A. J. L., Mass.



MATCHLESS

February, 1916.

Roses and Carnations traveled in perfect condition, not a leaf damaged, I am delighted with them.

J. D., Penna.



## NOVELTY ROSES

For Greenhouse Forcing—GRAFTED AND OWN ROOT STOCK

Price: 2¼-in. plants, 60c. per plant, \$6.00 per doz., \$40.00 per 100.

3 -in. plants, 75c. per plant, 7.50 per doz., 50.00 per 100.

4 -in. plants, \$1.00 per plant, \$9.00 per doz., \$60.00 per 100.



PRIMEROSE

### Primerose

When first opening reminds one of Ophelia, but the individual flowers have more substance and considerably more color, being a deeper shade of pinkish yellow. The buds are long and beautifully pointed; foliage tough and leathery. Very free, clean grower, and by its behavior with us seems to be mildew and spot proof. We feel sure Primerose has a future as a greenhouse Rose.

### Mad. Collette MartINETTE

Deep golden yellow; this variety resembles the deepest shades of Sunburst and does not bleach. It is not as strong a grower as Sunburst, but does excellently grafted, and when so grown it makes very satisfactory stems. Mad. Collette Martinette is well worthy of a place in the rapidly increasing family of yellow Rose lovers.



GORGEOUS (see page 40)

## Introductions of 1916

### GRAFTED

- 2½-in.: 30c. per plant, \$3.00 per doz., \$22.50 per 100.  
 3 -in.: 40c. per plant, \$4.00 per doz., \$27.50 per 100.  
 4 -in.: 50c. per plant, \$5.00 per doz., \$35.00 per 100.

### OWN ROOT

- 2½-in.: 20c. per plant, \$2.00 per doz., \$15.00 per 100.  
 3 -in.: 30c. per plant, \$3.00 per doz., \$20.00 per 100.  
 4 -in.: 40c. per plant, \$4.00 per doz., \$25.00 per 100.

### BABY-DOLL

(THE EVERBLOOMING POLYANTHA)

This delightful little "sweetheart" Rose is an everblooming Polyantha, and will fall into the Cecil Brunner class for choice corsages and for fine, dainty floral work. The color is absolutely new, and quite startling in its brilliancy—golden yellow, tipped with clear, bright cerise; the arrangement reminds one of Mme. Watteville. The little buds and blooms are very perfect in form, elegantly finished, and borne in fine, erect panicles. The foliage is narrow, long and sharply pointed, a deep, glossy green—a very beautiful setting for the lovely little doll Roses. The habit is better than in Brunner, a bench of Baby-Doll being an even *parterre* of delicate color.



ROSES FOR FORCING—Continued

✓ CLEVELAND

Free, vigorous habit, with exceptionally large, dark green foliage, which, with us, is mildew proof. The blooms are large and very full, produced freely and continuously throughout the season. The color is a deep, glowing pink, with the base of each petal heavily flushed deep copper, and this Rose holds its pink color even in the hottest weather when other pink varieties are almost faded white. Cleveland is very distinct and beautiful in growth, as well as color, and should become very popular.

✓ GORGEOUS

Strong, vigorous, free-branching growth; handsome, dark olive-green foliage; flowers large, full and exquisitely formed, produced in endless profusion on stiff, erect stems. Color is one that floral artists rave over; when the flower is developing the bud is deep, coppery yellow, heavily veined and flushed salmon rose.

GEORGE ELGAR (Dwarf Polyantha)

Sprays of golden yellow buds which are deep yellow when fully opened; free and erect in growth, with lovely, contrasting foliage of dark green.



CLEVELAND

RED RADIANCE

A duplicate of its parent in every respect save color, which is a brilliant red; very free-flowering in habit and vigorous in growth. A wonderful variety in every way and a welcome addition to the ranks of the forcing Roses.

✓ TIPPERARY

This is an Irish Rose, a seedling of Mrs. Aaron Ward, which it resembles in foliage though not in habit, for it makes long, slender, stiff stems in a very short time, many of them to a plant, and every one tipped with a yellow flower. The bud is long and sharply pointed, and opens into a full rosette as Ward does. Every general florist should grow this pretty Irish yellow, for it is a variety that will please and will pay its way abundantly, for it has quality and also continuous and abundant bloom.

✓ ULSTER GEM

Deep primrose yellow, with a single row of petals around its bright and distinctive center; novel both in color and type; habit of plant is excellent; vigorous, free grower; splendid in every way.

## Standard Varieties of Roses for Forcing

### GRAFTED

2½-in.: 25c. per plant, \$2.50 per doz., \$20.00 per 100.

3 -in.: 30c. per plant, \$3.00 per doz., \$22.50 per 100.

4 -in.: 40c. per plant, \$4.00 per doz., \$30.00 per 100.

### OWN ROOT

2½-in.: 15c. per plant, \$1.50 per doz., \$10.00 per 100.

3 -in.: 20c. per plant, \$2.00 per doz., \$15.00 per 100.

4 -in.: 30c. per plant, \$3.00 per doz., \$20.00 per 100.

**American Beauty.** Our stock of this Rose is grown specially for us by a firm that grows nothing else and we guarantee it to be the finest that can possibly be bought.

**Antoine Rivoire.** Very strong grower; light shell pink in color; handsome, glossy foliage and a very popular variety.

**Cecil Brunner.** Known under various names, such as Sweetheart, Mignon, etc. Is a dainty, miniature Rose. Light pink in color, and every greenhouse should have a few plants of this beautiful little Rose.

**Double White Killarney.** (Totty.) There are several strains of Double White, but this stock we secured from a sport of Double Pink Killarney, and it is the finest type we have seen. In some soil Double White does not produce as many blooms as the Single White Killarney.

**Francis Scott Key.** An American seedling, raised in Baltimore, and one of the very finest of all the red Roses for Summer culture. Flowers extra large and full. Splendid variety to grow as it is not addicted to either black spot or mildew.

**Hadley.** Deep, velvety crimson, retaining its brilliancy at all seasons of the year; strong, rigid growth and flowers borne on long, stiff stems; has proved itself on trial to be a first-class forcing variety.

**Hoosier Beauty.** A rich, velvety crimson in color with deeper shadings. It is as fragrant as Richmond, has more petals and better keeping qualities. In production of bloom it ranks with any forcing variety. It naturally throws 2 and 3 foot stems; never has a dormant period, starting new growth very quickly at any time of the year. The glowing color, sweet scent, well-shaped buds, large, full flower, long keeping qualities, clean, healthy habit and freedom in growth and production of bloom have been declared wonderful. It is also easy to propagate.

**Irish Fireflame.** A single Rose of only five petals. As a novelty it is wonderfully striking. Bud is intense, fiery crimson at the base, shading to a rich orange salmon. For cutting it is beautiful and a novel departure in Roses.

**Jonkheer J. L. Mock.** Deep cerise pink in color, but the petals reflex, showing a much lighter shade. This is a wonderful Rose for summer and fall. To have it successful in winter it requires more heat than other varieties, as there is so much petalage to develop.



OPHELIA (see page 43)



STANDARD VARIETIES OF ROSES FOR FORCING—*Continued*

**Kaiserin Augusta Victoria.** Very strong grower; splendid variety for either indoor or outdoor growing; color milk white.

**Killarney.** Best known and most largely grown pink today; too well known to need any further description.

**Killarney Queen.** Cerise pink sport of Killarney; exceptionally strong growth and much larger petals.

**Killarney Brilliant.** Has the same habit of growth and freedom of bloom as its parent; color very brilliant pink, which in dull weather shades to almost crimson. Best of the many fine sorts Killarney has produced.

**Lady Alice Stanley.** Deep rose-pink on outside of petal, inside clear shell-pink; very large full flower.

**Lady Hillingdon.** Very free blooming and a beautiful, even, coppery yellow in color all through the year and particularly fine in midwinter.

**My Maryland.** Best summer-flowering pink Rose. If grown for Winter must have a night temperature of 64 degrees.

**Mrs. Aaron Ward.** A general favorite; rather short in bud, but wonderfully free flowering. In the bud state color is a beautiful, rich yellow, which changes to shades of pink as the flower develops.

**Mrs. Chas. Russell.** Pink American Beauty, enormous in size, which lines into beautiful shape in flower, stem and foliage.

**Mrs. F. F. Thompson.** This variety sported with us from Mrs. Geo. Shawyer some three years ago and is an exact duplicate of that variety in all respects save color. The color is a lovely shade of shell pink with a deep glowing heart of bright pink, which lights up the flower wonderfully. The growth is very vigorous and, like its parent, it is a persistent bloomer, flowering all the time. This variety has been highly commended by all who have seen it at the exhibitions and also in our establishment and we have every confidence in recommending it as a first-class variety.

**Mrs. George Shawyer.** Is an all-year Rose, opening freely in midwinter and yet having enough body to stand equally well as a summer Rose.



KILLARNEY BRILLIANT

We cannot too strongly recommend this lovely pink Rose.

**Madame Edouard Herriot.** Syn. Daily Mail Rose. Color of this Rose is a gorgeous combination of reddish terra-cotta and bronze, with flame shadings; almost impossible to describe; foliage bright and glossy and practically mildew-proof. While it is not robust enough in growth to rank as a standard commercial sort, the exquisite shadings of color will always render it a popular variety.

**Ophelia.** Color clear, bright salmon, often deepening toward golden pink; wonderfully fragrant, with long pointed buds and stiff stems. Large, handsome foliage, showing that it is a wonderfully free bloomer and grower, and not prone to mildew. Growth free and continuous and does splendidly grafted on the Manetti.

**Prince E. C. d'Arenberg.** This Rose has a lively, clear color, scarlet, with deeper shadings, not inclined to turn blue, and is especially lively under artificial light, holding its color as long as the flower lasts. The bud is heavy and pointed, developing into a beautiful, full flower of great size and finish. The growth is heavy and free, with thick, leathery foliage, which is free from mildew or black-spot, and is one which anyone can grow in ordinary Killarney temperature.



MRS. GEORGE SHAWYER (see page 41)

**Mrs. Moorfield Storey.** Magnificent shell-pink, with Rose shadings; splendid grower; same type of Rose as Mrs. Chas. Russell.

**Prima Donna** (Syn. Mad. Paul Euler). Brilliant Rose pink; has become a great favorite in the New York market; fragrant and free flowering.

**Richmond.** Most largely grown red for forcing in cultivation.

**Radiance.** A splendid and popular Rose; deep pink in color. Will produce three foot breaks without pinching; almost mildew-proof, and a wonderfully fine Rose to handle.

**September Morn.** A light pink sport of Prima Donna, developed on the Pacific Coast. Has a

splendid free growth, running 2 to 3 feet without pinching. The bud is rather short and the outer petals are fimbriated, giving the flower a novel appearance. September Morn has considerably more petals than the average forcing Rose and it is, without exception, the most sweetly scented of any Rose so far placed on the market.

**Sunburst.** Finest yellow Rose; proved to be the "King" in its color. We can supply grafted stock of this variety, but would recommend that it be grown as own root stock.

**White Killarney.** Similar to Killarney in all respects save color. Most largely grown white in cultivation today.



## Roses for Outdoor Planting

The fashion of garden Roses has changed very much the past few years, Rose buyers having discovered that the Hybrid Perpetual Roses, while they give a wonderful wealth of Roses in June, are of no use for the balance of the year. The demand today is for varieties that will furnish cut flowers from May to November; the only type of Roses that will do this are the Teas and Hybrid Teas.

We have been appointed the sole American Agent for Hugh Dickson, Ltd., of Belfast, Ireland, for the dissemination of their marvelous Rose Novelties, and this puts us in a position to supply any quantity and practically any variety desired.

The best Roses in the world today are grown in Ireland. This is an undisputed fact, and we are in a position to supply these Roses at the same price as the introducer, saving the American growers the cost of packing, ocean freight and custom charges. Stock is billed F. O. B. Madison, N. J.

The cultivation of Hybrid Tea Roses is as follows:

**THE SOIL.** The soil which best suits the Rose is a deep, unctuous loam, with free drainage, as Roses do not thrive where there is stagnant moisture. If these conditions are not to be had naturally, they must, as far as possible, be provided. In the first place, if drainage is bad, the soil must be thrown out to a depth of 18 inches, and, if it is not convenient to use tiles, about 5 or 6 inches of broken bricks or other rough material should be thrown in the bottom, and a layer of turf laid on top, grassy side down. On the top of the turf should be placed a layer of well-decayed farmyard manure, then a light layer of soil, and another layer of manure, on top of which should be placed the remainder of the soil, to which, if light and sandy, should be added a liberal supply of well-chopped-up turf, raising the whole of the bed to a height of about 12 inches above the original level of the soil. In case of heavy land, a layer of lime rubble should be added, as this will help to sweeten the soil.

**PLANTING** should be deferred until the soil is in proper condition to receive the plants, as it is a great mistake to plant in wet soil. Teas and Hybrid Teas should be planted about 18 inches apart and the Hybrid Perpetuals 2 feet apart, keeping all manure away from direct contact with the roots when planting. Firm the soil well around the plants and give a thorough watering.

**PRUNING.** All the short, prematurely ripened wood and all small shoots should be cut clean away, leaving just the strongest shoots, from 4 to 6 inches long. Pruning should be done immediately after the plants are set out, if it has not been previously done.

This close pruning does not apply to the Hardy Climbers or Ramblers; these should be shortened back if they have grown beyond their allotted space, and thin out the very small shoots.

**PROTECTION.** Before the ground freezes solid the soil should be pulled up around the base of the plants, 7 or 8 inches, and the surface of the bed afterward well covered with dried leaves or cornstalks. When so protected, even the most tender varieties of Hybrid Tea Roses are entirely hardy as far north as Winnipeg.

# Dickson's Novelties for 1917



LILLIAN MOORE

## Lillian Moore

### The Thousand Dollar Trophy Rose

*Carol*

**The Rose of the Panama-Pacific Exposition. To be Disseminated in June 1, 1917**

Lillian Moore is a garden gem with flowers of exquisite form and delightful fragrance. It is deep, pure Indian yellow in color, with slightly deeper center. The flowers are large and very full, of perfect Camellia shape, carried on stiff, erect stems, with handsome, deep olive green foliage. The buds are very long and pointed, opening freely in all weathers, and lasting a long time in good condition. The habit of the plant is all that can be desired—free, vigorous and branching, making a strong bush, about 2½ feet in height. It is thoroughly perpetual in habit; from early Spring until late Fall produces in abundance a wealth of blooms of glowing color and perfect shape. A superb Rose for every purpose.

**Strong plants in pots ready for distribution in June, 1917.**

**Orders will be filled only in strict rotation.**

**\$2.50 per plant, \$25.00 per doz.**



## DICKSON'S NOVELTIES FOR 1917—Continued

ETHEL DICKSON, H. T. *card*

Strong, upright, vigorous, branching growth, producing its large, full and beautifully formed flowers in endless profusion. Flowers large and very full, with high pointed center. The flower resembles Mad. Abel Chatenay in type, but in bloom, habit and inflorescence may be clearly stated to be a great advance on that well-known Rose. As a bedder it is superb, its growth being vigorous and very upright. Color deep salmon rose with silvery flesh reflexes. Gold Medal, Irish Rose and Floral Society.

GOLDEN SPRAY, H. T. *card*

A garden Rose of unique habit and inflorescence, and in our opinion one of the most distinct and valuable Roses which we have yet raised. The growth is quite distinct from any known variety, the plant sending up long, arching shoots which form great, loose and elegant sprays, every bud of which opens in succession, to be succeeded by others from the base of the plant, which makes its season of flowering one of the longest of any Garden Rose. The flowers in the bud state are very long and pointed and beautifully formed, of deep Marechal Niel Yellow, opening to very large, almost single blooms of great beauty and elegance, with a huge boss of prominent, deep yellow anthers. When fully expanded the color is clear lemon yellow.

As a Rose for massing and bedding this variety far supersedes any Rose at present grown, and for cut flower and particularly for decorative work is unequaled, as the shoots can be cut with long stems, as the plants produce their shoots almost entirely from the base. Gold Medal, National Rose Society.

H. D. M. BARTON, H. T. *card*

\* Strong, vigorous, upright and freely branching growth, handsome, dark green, leathery foliage, wood and spine reddish, flowers moderately large and very full, with long, pointed and beautifully formed buds, produced with extraordinary freedom right throughout the season. Color deep, rich, velvety crimson, which does not blue with age. A garden and bedding Rose of the type of General MacArthur, but far surpassing that grand bedder in the richness of its color and the more freely branching and dwarfer habit of growth. Gold Medal, Irish Rose and Floral Society.

ULSTER STANDARD, H. T. *card*

A single Rose of great merit, free branching growth and dark green wood and foliage. The shoots which grow to a uniform height of about 2 feet, branching into large, loose, evenly disposed corymbs of intense deep crimson, which open to large, round, smooth flowers with prominent yellow anthers, making an ideal bedding single Rose in a much needed color. The blooms, which are about 3 inches in diameter, are of bright crimson which does not fade as the flower ages.

## Roses—Newer Introductions

Dormant 2 year old plants up to April 1st

Price: \$1.00 per plant, \$10.00 per doz.

### ADMIRAL WARD

Crimson red, with scarlet shadings; very globular flower; erect branching habit.

### COUNTESS CLANWILLIAM

Strong, vigorous, upright wood, producing its flowers in endless abundance. Flowers very large and full, buds long and pointed, opening to large, full, high-centered flowers of great beauty and refinement. Color delicate peach pink at the base of the petals, which are flamed.

### CONSTANCE

Long orange-yellow bud; streaked with crimson; large, full flower; a greatly improved Rayon d'Or.

### CLEVELAND

This is the Rose named by popular ballot at the great Cleveland Flower Show. Vigorous, stout-branching growth, with large and very handsome foliage, which is mildew proof. Flowers large and full, of exquisite form, produced freely and continuously throughout the season. Color deep, coppery yellow at the base of the petals, which are heavily flushed reddish copper on old rose, the petals showing a very distinct and charming metallic sheen. A distinct and very beautiful combination.

### G. AMADEE HAMMOND

Lovely deep apricot, shading fawn and delicate buff; the novel color of this Rose will make it a much-sought-for variety.

### GORGEOUS

Claimed by Messrs. Dickson to be the most striking Rose in existence, and the finest variety they have ever distributed to the trade. Growth is strong and vigorous, with a free branching habit; handsome, dark, olive green foliage; flowers large and exquisitely formed; produced on long, rigid stems; of perfect habit and florescence, and classed as an exhibition Rose of the highest class. Delightfully fragrant. On first opening, the bud is heavily veined with clear yellow on a salmon ground, but when fully developed, the flower is an improved Juliet. As its name signifies, it is a "gorgeous" variety.

### HOOSIER BEAUTY

A rich, velvety crimson in color with deeper shadings. It is as fragrant as Richmond, has more petals and better keeping qualities. In production of bloom it ranks with any forcing variety. It naturally throws 2 and 3 foot stems; never has a dormant period, starting new growth very quickly at any time of the year. The glowing color, sweet scent, well-shaped buds, large, full flower, long keeping qualities, clean, healthy habit and freedom in growth and production of bloom have been declared wonderful.

### MRS. HUGH DICKSON

A grand Rose for any purpose; typical Hybrid Tea of the most delightful perfume, carrying its large, handsome flowers in great freedom. The petals are large and of excellent substance and the flower of superb build, with high pointed center and beautiful outline. Color deep cream, with a heavy suffusion of orange and apricot. We consider this one of the most beautiful and useful Roses which we have raised, and have named it with confidence as worthy to take its place in the front rank of garden and exhibition varieties.





HOOSIER BEAUTY (*see page 46*)

### MRS. MONA HUNTING

A garden decorative Rose of great charm and beauty; growth free and branching, producing its flowers in endless profusion. Flowers medium sized and very full, buds long and pointed, color deep chamois yellow, opening to pure fawn; a very distinct and novel coloring. A most charming novelty.

### MRS. GEORGE GORDON

Free, vigorous, upright-branching growth, producing its flowers in the greatest profusion throughout the season, on strong stems. Flowers large, full and exquisitely formed, with high pointed center. Color bright rosy pink, flushed silvery pink at the edges of the petals, which are nicely reflexed; base of petals yellowish pink. A fine garden Rose, clean in growth and flower, of the best exhibition standard.

### NELLIE PARKER

Strong, vigorous, upright-branching growth, large, handsome foliage, flowers large, very full and of most perfect form, freely and abundantly produced. Color pale, creamy white, with deeper cream center, frequently charmingly flushed with blush at the tips of the petals. A Rose of superlative merit and in our opinion one of the very best Roses which we have put in commerce.



NATIONAL EMBLEM

**NATIONAL EMBLEM**

Dark crimson, overlaid with velvety crimson, shading to vermillion; flowering with wonderful freedom; absolutely mildew proof, and one of the most sweetly scented Roses ever introduced.

**PRINCE CHARMING**

Vigorous, free-branching growth, foliage bright, coppery red in the young state, flowering in greatest profusion. Buds full and beautifully formed, long and pointed; color deep, reddish copper, with old gold base; a beautiful and very attractive color. Flowers of medium size and ideal decorative value. A bedding Rose of superlative excellence.

**QUEEN MARY**

Bedding and garden Rose of great beauty and refinement; flowers medium size; fine form; color chrome yellow with bordered edges of pure deep carmine; charming color combination; most delightfully fragrant.

**SEPTEMBER MORN**

A light pink sport of Prima Donna, developed on the Pacific Coast. Has a splendid, free growth, running 2 to 3 feet without pinching, and shows every sign of being a phenomenal Rose. The bud is rather short and the outer petals are fimbriated, giving the flower a novel appearance. September Morn has considerably more petals than the average forcing Rose and it is, without exception, the most sweetly scented of any Rose so far placed on the market.





ULSTER GEM

**ULSTER GEM**

A single Rose of special charm and usefulness. Its large shell petals of deep primrose yellow and its prominent and abundant anthers opening to large flowers frequently 6 inches in diameter and of beautiful outline make a striking display, and supply the most needed color in the bedding singles. The habit of the plant is excellent, growth free, vigorous and producing its flowers right throughout the season in endless profusion.

**WILLIAM COOPER**

Vigorous, free-branching growth; handsome foliage; flowers large and wonderfully formed, with high, pointed center; color deep lake red. A fine, bold, handsome flower, produced in endless profusion. One of the very finest garden Roses of recent years, producing freely and continuously throughout the season.



MADAM EDOUARD HERRIOT (see page 51)

## Hybrid Tea Roses

These are unquestionably the true perpetual hybrids; the strong infusion of Tea blood into the old perpetuals has, by judicious hybridization, produced in the last decade an entirely new race of Roses. No words of praise can adequately convey the extreme beauty and unique usefulness of this glorious section which now dominates all other sections of bedding Roses. The superb vigor, the healthy and abundant growth and foliage, the profusion of bloom, the exquisite coloring and beautiful formation of the flowers and buds of this new race, at once place it without a rival in the Rose garden.

We were awarded the Gold Medal for Outdoor Roses at the Panama Exposition, 1915.

As agent for Hugh Dickson, Ltd., we are able to supply you with the best Roses in the world; all we ask is that you give us a chance to do this by placing your order on or before March 15th, so we may be sure of getting our importations over. If this is done, we can guarantee our Rose stock to give every satisfaction to the buyer.

**Price: 50c. per plant, \$5.00 per doz., except where otherwise noted.**

**Arthur R. Goodwin.** Coppery orange-red, passing to salmon pink as the flower expands; very free and perpetual; a fine bedding Rose.

**Antoine Rivoire.** Rosy flesh and yellow; large, full and free flowering.

**Bessie Brown.** Creamy white; large and very full.

**Betty.** Coppery yellow, overspread with golden rose; long, pointed buds.

**British Queen.** Pure white; large full flowers; one of the best.

**Brilliant.** Strong, handsome growth; clean, handsome foliage, which is entirely mildew-proof. Flowers large and full and produced continuously all through the season in endless profusion. Color most intense scarlet, brightest color yet achieved in Roses, the fiery brilliance of which is quite startling! It does not burn or turn blue in the sun.

The most brilliant bedding Rose in existence. Gold Medal, N. R. S.

**Colleen.** Rose-pink, heavily shaded rosy crimson; large, full, well-formed flowers; an improved type of Killarney. \$1.50 per plant, \$12.00 per doz.

**Caroline Testout.** Salmon pink; large and very free.

**Chateau de Clos Vougeot.** Deep velvety crimson; medium-sized blooms.

**Chrissie MacKellar.** Deep ochery madder, veined crimson scarlet; flowers semi-double; free-branching growth. \$1.25 per plant, \$12.50 per doz.

**Commandeur Jules Graveréaux.** Fiery crimson, shaded velvety maroon; large, loose flowers; very free.

**Countess of Annesley.** Rosy salmon, suffused old gold; large, full form and outline; sweet scented.



HYBRID TEA ROSES—*Continued*

**Countess of Derby.** Salmon, shading to delicate peach; fine form.

**Countess of Gosford.** Clean salmon pink, suffused yellow; large flowers, abundantly produced.

**Countess of Ilchester.** Deep rosy carmine; very full and free.

**Countess of Shaftesbury.** Bright silvery carmine, mottled and flushed silvery pink; large and full; flowers profusely from June to October. Very refined flower.

**Dean Hole.** Light carmine, shaded rose and flushed old gold at base of petals; long pointed flower; very free.

**Dorothy Page Roberts.** Coppery pink, suffused apricot yellow; splendid garden Rose.

**Duchess of Wellington.** Intense saffron yellow, stained crimson; long pointed, full flowers.

**Duchess of Westminster.** Clear madder rose, full, well formed flowers; very novel flower.

**Exquisite.** Bright magenta crimson, large flowers; very distinct.

**Florence Pemberton.** Creamy white, flushed peach; very large.

**General MacArthur.** Deep velvety scarlet; free and erect branching.

**George C. Waud.** Glowing orange vermillion; large, full flowers.

**George Dickson.** Velvety black crimson, reverse of petals veined deep maroon; invaluable for exhibition.

**Gruss an Teplitz.** Brightest scarlet crimson; splendid Rose for massing.

**Gustav Grunewald.** Bright carmine pink; yellow at base of petals.

**Harry Kirk.** Deep sulphur yellow; medium sized blooms.

**His Majesty.** Dark crimson, shaded vermillion; very free.

**J. B. Clark.** Intense deep scarlet, shaded blackish crimson; immense petals.

**Jonkheer J. L. Mock.** Cherry red, inside of petals silvery white; high pointed center.

**Kaiserin Augusta Victoria.** Creamy white; immense substance; petals smooth and nicely arranged.

**Killarney.** Pale flesh pink, flushed deeper pink; very free and perpetual.

**Killarney Brilliant.** A sport from the original Killarney, which is one of the most popular Roses in cultivation today. Killarney Brilliant is a duplicate of the original Killarney in all respects save color, which is far more intense and rich. This is a magnificent Rose, and will eventually displace the original Killarney.

**King George 5th.** Strong, vigorous grower, and retains its foliage long after other varieties have shed their leaves; color deep blackish crimson with a deeper velvety flush; free flowering and delights in warm weather.

**Konigin Carola.** Pale satin rose; very large and full.

**Lady Alice Stanley.** The outside petals are a deep rose-pink; inside pale flesh slightly flushed with a deeper shading, a most beautiful color combina-

tion. Blooms are very large and full, of great substance and productiveness, and one of the most fragrant Roses in existence.

**Lady Pirrie.** Outside of petals, deep coppery reddish-salmon, inside of petals flushed fawn on copper; large, full, long-pointed flowers, opening freely, and flowering in immense profusion.

**La France.** Bright satin pink with silvery reflex; large, full flowers; very free and a fine old garden Rose.

**Lady Ashtown.** Rosy pink, changing to pale pink; high pointed center; a splendid flower.

**Lady Battersea.** Deep cherry red; long pointed flower.

**La Tosca.** Soft pink, tinted rosy white.

**Laurent Carle.** Deep rosy carmine; full flowers.

**Lieutenant Chauré.** Clear crimson lake; long pointed flower of good habit.

**Lyon Rose.** Shrimp pink, shading to intense coral red; very large and full flowers.

**Madame Abel Chatenay.** Carmine rose, shaded salmon; large, full flowers, opening freely.

**Madame Edmond Rostand.** Pale flesh, shaded yellow; center salmon and reddish orange yellow.

**Madam Edouard Herriot.** *Syn. Daily Mail Rose.* Color of this Rose is a gorgeous combination of reddish terra-cotta and bronze, with flame shadings; almost impossible to describe; foliage bright and glossy and practically mildew-proof. Artists have raved over this variety for the past two seasons in Europe. A marvelous Rose as grown in California. \$1.00 per plant, \$10.00 per doz.



MRS. JAS. LYNAS

## HYBRID TEA ROSES—Continued

**Madame Jules Grolez.** Bright china rose; nicely reflexed petals.

**Madame Melaine Soupert.** Saffron yellow, suffused pink and carmine; reverse of petals flame color.

**Mrs. James Lynas.** Strong, vigorous, upright, branching growth. Flowers very large, full and beautifully formed, producing freely and continuously throughout the season. Color pearly pink at base of petals, flushed delicate rosy pink at the edges and on the reverse of the petals. One of the most valuable garden Roses and an exhibition Rose *par excellence*. Gold Medal, N. R. S.

**Mrs. Archie Gray.** Wonderfully strong growth; large, shiny, handsome foliage. Flowers large and exquisitely formed, and borne in great profusion; buds long and pointed. Color deep, creamy yellow, opening to clear, light canary yellow. Fine habit and opens freely in all weathers, as the petals are firm and of good substance. Gold Medal, N. R. S.

**Madame Segond Weber.** Pure, light rosy salmon; vivid center.

**Marquise de Sinety.** Very deep saffron yellow, flushed reddish copper; glorious color.

**Marquise Litta.** Carmine rose; long pointed, large, full flowers.

**Mrs. Aaron Ward.** Deep Indian yellow; medium sized blooms; very full; fine garden and bedding Rose.

**Mrs. Chas. Russell.** Rosy carmine, with rosy-scarlet center; fine exhibition, garden and forcing Rose.

**Marcella.** Buff flowers, opening to salmon-flesh very large and full; free and continuously produced.

**Mrs. F. W. Vanderbilt.** Flowers long and pointed; petals of good substance; color deep orange red, shaded bronzy apricot; fine garden Rose.

**Mrs. Cornwallis West.** Rosy shell pink, shading to pure white with age; very free, full flowers.

**Mrs. George Shawyer.** Bright clear rose; high pointed center.

**Mrs. Sam Ross.** Shading from light straw yellow to deep chamois yellow; large and beautifully formed flower.

**Mrs. Wakefield Christie-Miller.** Soft, pearly blush, shaded salmon; loose flowers of very distinct appearance.

**Mrs. Walter Easlea.** Glowing crimson carmine, changing to intense crimson orange; large and full.

**My Maryland.** Bright pink; handsome variety.

**Old Gold.** Vivid reddish orange, with coppery apricot shadings; medium sized flowers.

**Ophelia.** Salmon flesh, shaded rose; fine variety.

**Papa Gontier.** Rosy-crimson, rather small flowers, but produces in wonderful profusion, particularly fine Rose in the Fall.

**Pharisaer.** Rosy white, shaded salmon; ideal bedder.



SUNBURST

**Prince de Bulgarie.** Silvery flesh, delicately shaded salmon and coppery yellow.

**Radiance.** Bright pink, full flowers, freely produced.

**Richmond.** Pure scarlet red; fine form and fragrance.

**Rhea Reid.** Deep rosy-crimson; large, full flowers, freely produced.

**Senateur Mascurand.** Amber yellow with yolk-of-egg center; large, full, free, long-pointed flowers; exceptionally productive.

**Sunburst.** Deep cadmium yellow, with orange center; large, beautiful flowers; very free flowering.

**Souv. de Pres. Carnot.** Rosy flesh, with white center; large, full, high centered flower; fine form, excellent lasting quality.

**Viscountess Enfield.** Coppery old rose, shaded yellow, tinted carmine on inner petals; a splendid garden variety.

**Viscountess Folkestone.** Creamy white, with deep salmon-pink center; very prolific producer.

**White Killarney.** Pure milk white; very free and good.

**Willowmere.** Free and perpetual; color coral red, opening to shrimp pink; resembles the Lyon Rose very much.

**William Shean.** Pure pink, delicately veined ochre; large, full flower.



## Hybrid Perpetual Roses

### The Well-Known June Roses

Price: 50c. per plant, \$5.00 per doz., \$35.00 per 100, except where otherwise noted.

**Alfred Colomb.** Bright red; very large and globular; free blooming and reliable.

**Alfred K. Williams.** Carmine red; large, full and perfect form; free flowering; very fragrant.

**Baroness Rothschild.** Pale flesh, most chaste and beautiful.

**Duke of Edinburgh.** Rich, brilliant vermilion; large and attractive.

**Duke of Wellington.** Rich velvety crimson; large, fine form.

**Fisher Holmes.** Crimson, shaded scarlet; very free.

**Frau Karl Druschki.** Pure snow white; long pointed buds; large, full flowers.

**General Jacqueminot.** Brilliant scarlet crimson; very fragrant.

**Hugh Dickson.** Intense crimson, shaded scarlet; finest of all crimson varieties.

**Jeannie Dickson.** Silvery rose; very free flowering.

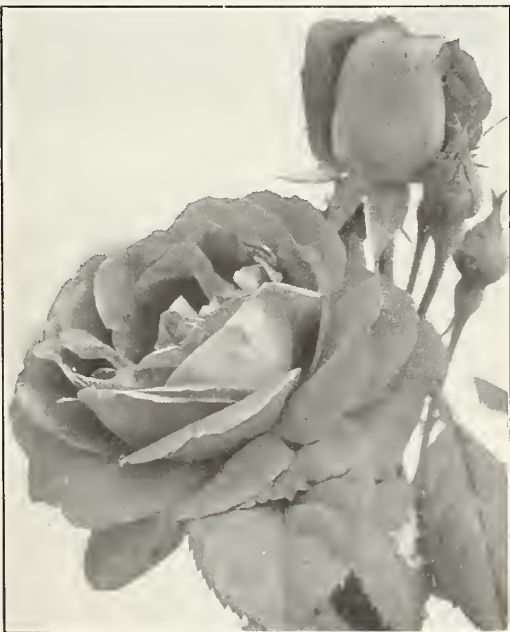
**Louis Van Houtte.** Deep crimson, shaded maroon.

**Madame Eugene Verdier.** Bright satiny rose; flowers very large, full and perfectly formed petals of great substance; very fine.

**Margaret Dickson.** Pure white; fine form; very free grower.



FRAU KARL DRUSCHKI



ULRICH BRUNNER

**Merveille de Lyon.** Pure white, cup-shaped; very hardy and free.

**Mme. Alfred Carriere.** White, tinted pink and yellow at base of petals.

**Mme. Gabriel Luizet.** Light silvery pink; very full and distinct.

**Mrs. John Laing.** Soft pink; well formed; one of the best.

**Mrs. R. G. Sharman-Crawford.** Clear rosy pink, shading to pale flesh.

**Paul Neyron.** Deep rose; immense size; hardy and vigorous.

**Ulrich Brunner.** Cherry red; very large and of fine form.

**Victor Hugo.** Brilliant crimson, shaded scarlet; large; of fine form; good habit; free and a valuable variety.

## Tea Scented and Noisette Roses

The Tea Roses are easily distinguished by their peculiar and delicate shades of color and their beautiful foliage, but more especially by their delicate fragrance.

**Price: 50c. per plant, \$5.00 per doz., \$35.00 per 100.**

**Golden Gate.** Creamy white; base of petals pale yellow, edged pink.

**Lady Hillingdon.** Deep orange yellow; medium size; splendid for cutting.

**Lady Roberts.** Rich apricot, base of petals shaded orange.

**Madame Constant Soupert.** Deep golden-yellow, tinted and retouched rosy pink; large, full and beautiful; buds long and pointed; a magnificent variety in every way.

**Madame de Watteville.** Shell pink; very fine.

**Madame Hoste.** Straw yellow, center rosy peach; very large.

**Maman Cochet.** Carmine, suffused with salmon yellow.

**Melody.** Deep canary yellow, changing to primrose.

**Molly Sharman-Crawford.** Delicate eau-de-nil white, opening to dazzling white.



W. R. SMITH



MELODY

**Miss Alice de Rothschild.** Yellow, that will not fade; perfectly formed.

**Niphetos.** Pure white; long pointed buds; very free.

**Safrano.** Bright apricot yellow; very free.

**White Maman Cochet.** Pure white and a splendid variety in every way.

**W. R. Smith.** Creamy white, flushed and suffused rosy pink.

Dormant Stock imported  
specially to your order from  
January 1st to March 15th



## Baby Rambler and Dwarf Polyantha Roses

These are delightful for massing in beds, or as edges for borders. They are most profuse and continuous bloomers and their small, neat flowers are produced in large clusters.

**Clothilde Soupert.** Outer petals white with center petals flushed rose; full and imbricated; flowers large and beautiful.

**Cecile Brunner.** Bright rose, shaded pale pink.

**Edward VII.** Clear, delicate pink; very free flowering.

**Erna Teschendorff.** Deep crimson which does not fade; a valuable sport from Levavasseur.

**Frau Cecile Walter.** Pure canary yellow, changing to salmon pink.

**George Elgar.** Golden coppery yellow, passing to clear yellow with age; the purest yellow in this class and a fine bedding Rose.

**Hermosa.** Color and style of Old Blush; flowers fuller and produced on stiff, erect stems.

**Jessie.** Glowing crimson; the finest red to grow.

**Jeanne d'Arc.** Pure white; large trusses of well-formed flowers.

**Katherine Zeimet.** Pure white; small and double; very free and good.

**Maman Levavasseur.** Vivid carmine. Sometimes called "Baby Dorothy."

**Marie Pavie.** White, with a rosy center; rather large for this type; one of the very finest of the Polyantha section in the neighborhood or seashore resorts.



BABY RAMBLER

**Marie Kannen.** Pure white; small double flowers in clusters.

**Mignonette.** Soft rose, changing to white.

**Mrs. Cutbush.** Clear, deep pink; fine growth and habit.

**Orleans Rose.** Brilliant rosy red; immense trusses of bloom.

**Perle d'Or.** Nankin yellow; orange center; small but very charming.

**Phyllis.** Bright carmine pink, of erect, branching growth; one of the freest and finest in this section.

**Rodhatte.** Clear, shining cherry red; semi-double; growth of Hybrid Tea.

**Tip Top.** Yellow with edges of petals tipped and flushed crimson; wonderfully pretty variety.

**Yvonne Rabier.** Pure white; very free branching.



JULIET (see page 56)

April 20th.  
Prince Charming Roses arrived in excellent condition.  
If this is a sample of your Rose stock, I want more.  
Mrs. F. R. S., Mass.

April 5th.  
Dormant Roses arrived today; am delighted with them.  
S. W. B., Maryland.

May 24th.  
Grafted Rose stock arrived O. K., and in wonderful shape!  
J. E., Long Island.

## Austrian Brier Roses and the Pernetiana Hybrids

The original varieties of this type require little pruning, merely thinning out the shoots and leaving the remainder of the growths their full length, as these varieties flower on the lateral eyes of the previous year's growth. The newer Hybrids vary considerably in habit and type, and promise to produce an entirely distinct race of free growing and free flowering Roses, which will be of unique beauty and usefulness in the garden.

**Price: 50c. per plant, \$5.00 per doz.**

**Austrian Copper.** Bright reddish copper; single flowers; very striking and beautiful.

**Austrian Yellow.** Very deep yellow; single; free and beautiful.

**Beaute de Lyon.** Superb coral red, slightly shaded with yellow.

**Deutschland.** Opens whitish yellow, changing to deep yellow and rosy pink; large, double flowers; very distinct.

**Entente Cordiale.** Rosy carmine, yellow gold toward the base of the petals; very free and vigorous.

**Harrisonii.** Golden yellow; semi-double; very pretty.

**Juliet.** Old gold on outside of petals, interior rich rosy red.

**Muriel Dickson.** A gorgeous bedding Rose for massing and cutting; buds long and pointed, also very erect; freely produced from early in the season to late Autumn; deep reddish copper bud, opening to cherry red with copper shadings.

**Persian Yellow.** Deep golden yellow; very fine.

**Rayon d'Or.** Deep orange, smeared claret red, opening to Sunflower yellow.

**Soleil d'Or.** Orange yellow, changing to reddish gold and Nasturtium red.

## Rugosa Roses

The Japanese Roses have become very popular during the past year or two and throughout the whole range of Single Roses there are none which can compare in form and size with the pink and white varieties of Rugosa.

The broad, shining, dark green foliage and dense, spreading habit of growth make it a striking shrub even when not in bloom and the large seed pods are very bright and beautiful.



RUGOSA ALBA

**Price: 50c. per plant, \$5.00 per doz.**

**Atropurpurea.** Blackish crimson, changing to maroon crimson as the flowers expand; very distinct.

**Belle Poitevine.** Clear rose color; large and sweet flowers, double and produced in clusters; continuous bloomer.

**Blanc Double de Coubert.** Paper white; long pointed buds; semi-double; one of the finest.

**Carmen.** Brilliant blood red; single flowers; very free.

**Conrad F. Meyer.** Clear, silvery rose; very large and fragrant.

**Delicata.** Soft rose; double blooms of good size.

**Madame Charles Worth.** Rosy carmine; semi-double; flowers profusely.

**Madame Georges Bruant.** White; semi-double; very free and distinct.

**Rose Apples.** Pale carmine rose; flowers freely.

**Rugosa rubra.** Deep rosy carmine; single petalage.



## Lord Penzance's Hybrid Sweet Brier Roses

The Sweet Brier, or Eglantine, is acknowledged by all to possess one of the sweetest perfumes in nature. These new Sweet Briers, raised by the Right Honorable Lord Penzance, possess this exquisite perfume, and, in addition, the flowers, which have a very diversified range of color, are produced in great profusion.

Price: 50c. per plant, \$5.00 per doz.

**Amy Robsart.** Lovely deep rose; an abundant bloomer.

**Anne of Gierstein.** Dark crimson; pretty clusters; large foliage.

**Brenda.** Peach blossom, with bright, yellow anthers.

**Catherine Seyton.** Soft, rosy pink; free and perpetual bloomer.

**Edith Bellenden.** Pale rose; shoots long and pendulous.

**Flora M'Ivor.** Pure white, blushed with rose.

**Green Mantle.** Bright pink, with white center.

**Janet's Pride.** White, richly tipped and shaded with crimson.

**Julie Mannering.** Soft shell pink; free and distinct.

**Lady Penzance.** Soft copper tint, with bright metallic luster, yellow at base of petals; very beautiful.

**Lord Penzance.** Soft shade of fawn, tinted yellow and pink.

**Lucy Ashton.** Pretty pink flowers, with white centers.

**Lucy Bertram.** Bright, deep crimson, with white center.

**Meg Merrilies.** Gorgeous crimson; free flowering.

**Rose Bradwardine.** Beautiful, clear rose; very profuse bloomer.

## Moss Roses

Their beautiful buds and delicious fragrance make these great favorites, and deservedly so; there is nothing more beautiful than a Moss Rose-bud. They require close pruning and plenty of manure.

**Baron de Wassenaer.** Light crimson, flowering in clusters; very showy.

**Blanche Moreau.** Pure white; well mossed; good form.

**Crested.** Pale, rosy pink; well mossed.

**Deuil de Paul Fontaine.** Deep crimson; vigorous grower.

**Gloire des Mosses.** Pale rose, shaded blush; very large and full.

**Laneii.** Rosy crimson, tinted purple; very large and double.

**Old Pink.** Pale rose; a splendid old Moss.

**Perpetual White.** White, flowering in clusters; well mossed.

**Zenobia.** Satin rose, soft and pretty; large and well mossed.

## Single Roses

Prices: 50c. per plant, \$5.00 per doz., except where otherwise noted.

**Irish Beauty.** Pure white; distinct and prominent yellow anthers.

**Irish Brightness.** Crimson, shading pink at base of petals.

**Irish Elegance.** Apricot, shaded copper bronze.

**Irish Engineer.** Brilliant scarlet; large and attractive; dwarf habit.

**Irish Fireflame.** Deep maddery orange, splashed with crimson; large, handsome flowers of great beauty.

**Irish Glory.** Bright, silvery pink; prominent yellow anthers.

**Irish Harmony.** Saffron yellow, opening to creamy white.

**Maharajah.** Deep velvety crimson with prominent yellow anthers, very large and beautiful.

**Simplicity.** Pure white; immense flower; finest of all single varieties for garden planting.

HIAWATHA



## Climbing Wichuraiana

Among the many types of Roses recently brought into prominence, none are more useful or beautiful than the Wichuraiana and its many delightful hybrids. The original variety of the type, Rosa Wichuraiana, is a single Rose of free growing, distinctly creeping habit, and this latter peculiarity has been more or less preserved in its progeny, which are peculiarly suitable for rockwork or creeping over banks of earth or tree stumps, as they adapt themselves to every unevenness of ground.

**Price:** 50c. per plant, \$5.00 per doz., \$35.00 per 100, except where otherwise noted.

**American Pillar.** Bright pink, flowering in large clusters.

**Aviateur Bleriot.** Saffron yellow, center golden yellow; the best yellow in this section; medium size.

**Carissima.** Delicate flesh; double flowering.

**Dr. W. Van Fleet.** Vigorous grower; dwarf glossy foliage; mildew proof; bud rich, flesh pink in color; splendid for cutting.

**Lady Gay.** Delicate pink; larger in flower than Dorothy Perkins.

**Lady Godiva.** Soft, pale pink; like Dorothy Perkins in growth.

**Lucile.** Very vigorous and free; bright Carnation pink.

**Mrs. M. H. Walsh.** Pure milk white; large, full flowers.

**Silver Moon.** Pure white in color; with yellow stamens in the center, showing up a very attractive variety. Foliage bronzy-green; stems of flowers very long and fragrance very lasting.

**Debutante.** Soft pink; growth vigorous and trailing.

**Dorothy Perkins.** Clear, bright pink; trailing growth; profuse bloomer.

**Dorothy Dennison.** Delicate shade of shell pink, fresh coloring.

**Evergreen Gem.** Buff, changing to white; distinct and beautiful.

**Excelsa.** Bright scarlet; flowers very double.

**Gardenia.** Bright yellow, changing to creamy white.

**Hiawatha.** Deep crimson, shaded white at base of petals.



CLIMBING WICHURAIANA—Continued

**Shower of Gold.** Deep golden yellow; very double, free and lasting.  
**Source d'Or.** Deep, golden yellow; very clear and distinct.  
**Troubadour.** Bright crimson; the finest in its color.  
**White Dorothy.** Pure white sport of Dorothy Perkins.

**Tausendschoen.** Delightful shade of soft pink when first opening; produces in clusters of ten to twelve flowers; one of the very finest of the entire Climbing section.

**Wichuraiana.** Single white, with yellow anthers; fine for rockwork.

## Tree Rose

Standards with 4 foot stems.

**Gloire de Margottin.** A fine crimson with petals of great substance.  
**George Dickson.** Velvety black crimson; reverse of petals veined deep maroon; invaluable for exhibition.  
**General MacArthur.** Deep velvety scarlet; free and erect branching.  
**General S. A. Janssen.** A splendid flowering carmine.  
**Florence Pemberton.** Creamy white, flushed peach; very large.  
**J. B. Clark.** Intense deep scarlet, shaded blackish crimson; immense petals.  
**Jonkheer J. L. Mock.** Cherry red, inside of petals silvery white; high pointed center.  
**Juliet.** Old gold on outside of petals, interior rich rosy red.  
**Kaiserin Augusta Victoria.** Creamy white; immense substance; petals smooth and nicely arranged.  
**La Tosca.** Soft pink, tinted rosy white.  
**Lady Ashtown.** Rosy pink, changing to pale pink; high pointed center; a splendid flower.  
**Mad. Caroline Testout.** Salmon pink; large and very free.  
**Price: \$1.00 per plant, \$10.00 per doz.**  
**One each of the twelve kinds for \$10.00.**



Standard Tree Roses

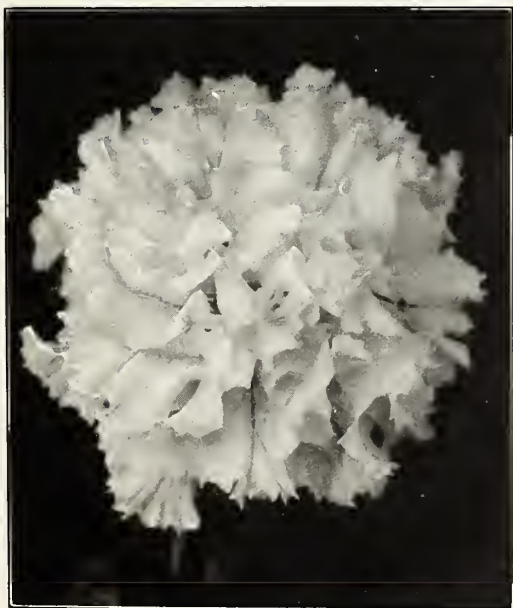
## Fringed Double Petunias

The following varieties are highly recommended for bedding and we can supply them true to name and color and in any quantity.

### Price:

15c. each, \$1.50 per doz., \$10.00 per 100.

**Achille.** Rosy purple, blotched white.  
**Admiration.** Reddish violet, var. white.  
**Aspana.** Light pink, tinge of gold.  
**Brightness.** Bright pink.  
**Bon Ton.** Shell pink, purple blotch.  
**Ceres.** Deep salmon pink.  
**Diadem.** Light pinkish purple.  
**Edna.** Old rose.  
**Gertrude.** Soft pink, mottled white.  
**Jubilee.** Reddish purple, blotched white.  
**Murillo.** Lavender, purple lined.  
**Mariana.** Rosy purple.  
**Pink Beauty.** Delicate pink.  
**Peerless.** Shell pink.  
**Rosy Morn.** Similar to Edna.  
**Splendor.** Mauve pink, mottled white.  
**Undine.** Reddish purple.  
**Victoria.** Pale pink.  
**Violet Spray.** Violet.  
**White Dorothy.** Pure white.



Petunias

## Hardy Asters, or Michaelmas Daisies

These lovely, Fall-flowering subjects, which are natives of North America and absolutely hardy in any section of the country, deserve very much more extensive culture. The following varieties are the cream of the most famous collection in Europe.

We will be pleased to give recommendations as to which are the best varieties to grow for particular purposes.

Varieties of the *Novæ-Angliæ* or the *Novi-Belgii* type furnish the finest varieties to grow for cutting in long sprays.

### Novelty Asters for 1917

Price: 30c. per plant, \$3.00 per doz., \$25.00 per 100.

**Glory of Colwall.** Large, double flowers of pale lavender; erect habit; splendidly formed sprays.

**Mrs. Walkerdine.** Pale blue; 3½ feet. Very valuable for cutting.

**Nancy Ballard.** Rich, reddish purple; very double flowers; erect growth; most profuse in bloom.

**Mrs. D. Mitchell.** Pure pink, resembling *St. Ewgin*, but much taller and far superior.

### Standard Sorts

Price: 15c. per plant, \$1.50 per doz., \$10.00 per 100.

**Colwall Pink.** A lovely, clear pink, flowering during September. Is one of the best additions to the perennial Asters. Its medium-sized flowers are produced very freely; pyramidal habit and very distinct. Height 3 feet 6 inches.

**Cordifolius albus.** Pure white, tiny flowers, on long, graceful sprays.

**Diffusus pendulus.** Blush rose, graceful, drooping habit.

**Doris.** This pure white variety, with splendid habit and sprays is one of the best of the large-flowering whites, coming into flower the first week in September. Certificated at Madison, September 8th. Height 3 feet.

**Eileen.** Old rose color; medium-sized flowers, produced in great profusion on very graceful sprays; flowering end of August. Height 3 feet.

**Ericoides Enchantress.** Blush, with yellow center.

**Francis Sands.** Lovely Cornflower blue; very novel color in Asters. Nice shaped flowers of medium size; very striking, pyramidal habit; flowering in September. Height 4 feet.

**Flossie.** Pure white; in full flower by September 1st.

**Feltham Blue.** A splendid, dark blue, branching right down to the ground.

**Innocence.** Pure white; fully open September 1st.

**Mrs. H. Morris.** Rich pink; very free.

**Market White.** Very largely grown for cut flowers in our European centers.

**Moonstone.** Grayish white, with a yellow center; large, flat flowers. One of the very best.

**Mrs. Davies Evans.** Beautiful heliotrope blue; flowering September 1st.

**Margaret Matthews.** Entirely distinct foliage; very large flowers, 2 inches across, set closely together. One of the finest varieties produced.

**Nancy.** Extra good lilac blue, and very strong grower. In flower September 5th. Height 4 feet.

**Novæ-Angliæ Roseus.** Striking variety; deep rose; the finest variety in the collection. We recommend every grower to have this variety.

**Novæ-Angliæ Lil Fardel.** Rose pink; very fine variety.

**Novæ-Belgii Arcturus.** Dark blue; very beautiful variety.

**Peggy Ballard.** One of the finest Asters recently introduced. Its rosy lilac flowers are quite double for many days, then they pass to semi-double, with golden anthers. The flowers are borne on fine, stiff stems 3 feet high. The variety received an Award of Merit at the R. H. S., London, for being the finest Aster ever shown.

**Ryecroft Purple.** Very strong grower; flowers 2 inches across; freely produced.

**Wm. Bowman.** Rosy purple.

**White Beauty.** The largest and best variety in its color.



HARDY ASTER





## Delphiniums, or Perennial Larkspurs

### Hardy Herbaceous

The Delphinium, as represented by the newest hybrids, is one of the most beautiful of all flowers for the hardy garden. The wonderful spikes, often 6 feet in height, with their marvelous colors, light and dark blue, furnish a picture not easily forgotten. No variety of flower gives us so many charming shades of blue, and when one considers that the Delphinium is as hardy as Oak trees, the wonder is that they are not more extensively grown, since their culture is very simple; after planting, about the only attention they require is to be staked and watered. By cutting off the spikes close to the ground, as soon as every crop of flowers has developed, a practically continuous succession of bloom can be procured.

The following varieties are offered in dormant clumps for early Spring delivery.

Price: \$1.00 per clump, \$10.00 per doz., except where noted.

## DELPHINIUMS OR PERENNIAL LARKSPURS

—Continued

**Belladonna Capri.** The most beautiful novelty of the Belladonna section. This is considered the best single sky-blue Delphinium yet offered. The habit is branching, similar to Persimmon, and the flowers extend over a long period.

**Chinense.** Very dwarf; specially fine foliage and intensely blue flowers.

**Emily.** Color rich blue, shaded rose. One of the most attractive varieties ever offered.

**Francis F. Fox.** Fine, dark blue, with specially large flowers; very vigorous habit. Height 6 feet.

**Formosum.** Splendid dark blue, with white center. This is a very fine species and one of the very few that comes absolutely true from seed.

**King of Delphiniums.** Quite distinct among the newer types of Delphiniums; under favorable conditions they will run as high as 8 feet; flowers of gigantic size; color rich gentian blue, with striking white center.

**Lamartine.** One of the best in cultivation, both in habit and color, the latter being a deep sky blue, with pure white center.

**Le Danube.** Beautiful pale blue, with a center of lilac pink. A difficult variety to propagate.

**Leslie.** Splendid azure blue, the individual flowers of which are more than 2 inches across. A majestic grower that always demands attention.

**Moerheimi.** The first pure white Delphinium. Habit exactly the same as Capri; color pure white, without any other shading. The long, handsome sprays are borne in profusion over a long period of growth, making it invaluable for cutting.

**Mrs. Creighton.** Charming variety for massing in clumps; deep Oxford blue, with a bright brown center.

**Queen Wilhelmina.** Large-flowering, sky-blue variety, delicately veined with lilac, with a beautiful, white eye. This variety must be classed as one of the finest.

**Rev. E. Lascelles.** Very strong grower, 6 feet or more in height; color distinct blue, with white center. Most stately and impressive border plant

## DELPHINIUM SEEDLINGS

## Totty's Special Hybrids

We offer for Spring planting a collection of year-old clumps raised from the finest varieties in the world—some 20,000 plants. These have flowered in our gardens and we are safe in saying there are many of them superior to many of the named varieties. Their constitution has not been impaired by excessive propagation, and we cannot too highly recommend these seedlings. Customers who saw them growing with us this Summer were most enthusiastic and stated they never saw finer spikes.

**Price:** 50c. per clump, \$5.00 per doz.,  
\$35.00 per 100.



DELPHINIUM



## DELPHINIUM SEEDLINGS

We offer for delivery April 1st, a collection of seedlings raised from the finest varieties in the world. The individual types are kept separate, and while Delphiniums cannot be depended on to come true from seed, a large proportion will be as good as the parent and many will show a decided improvement. Seedlings are invariably stronger in growth than the original named varieties; the constitution of the latter being very often impaired by excessive propagation.

Price: 30c. each, \$3.00 per doz., \$20.00 per 100.

**Dusky Monarch Type.** A wonderful variety, royal purple in color, with a deeper center. Enormous spikes which will come 6 inches through.

**J. W. Kelway Type.** Dark blue, shading toward purple, with a large, striking white eye.

**Kelway's Masterpiece.** Lavender purple, with lighter shadings in the center; very beautiful and quite distinct.

**Britannia Type.** One of the richest blues we have; strikingly beautiful, with large, white eye.

**King of Delphiniums Type.** Seedlings of this variety can be depended on to produce some wonderful sorts. Rich gentian blue with a striking white center.

**Smoke of War Type.** Deep, rich purple, with a deeper colored center; most appropriately named, on account of the bluish-gray shadings in the flower.

**Duke of Connaught Type.** Outer petals bright velvety blue; inner petals shading to rosy purple, with a very dark eye; semi-double and a charming variety.

**Knight of the Grand Cross Type.** Tips of petals Prussian blue, shading into purple and violet, with a white center; very large and distinct variety.

**Huish Beauty Type.** Bright blue, with a rosy purple edge and white center; branching habit and very valuable for cutting.

**Queen Alexandra Type.** Light blue with white center; one of the daintiest and most effective varieties ever raised.

**Queen Wilhelmina Type.** Sky blue, veined lilac; one of the very best we have to offer.

**Statuarie Rude Type.** Color soft, pale heliotrope; very large flowers and wonderfully productive.

One each of the above twelve varieties,  
\$3.25.



## DELPHINIUM SEED

We offer seeds of our very finest Hybrid types which can absolutely be depended on to produce results and give the buyer varieties fully equal to the best named sorts. Seeds sown in a cool greenhouse in January will begin to flower the end of July, after the two-year-old clumps are past their best. Sown as late as March 15th, these seeds will still produce satisfactory flowers the first year.

Price: 25c. and 50c. per pkt., \$5.00 per oz.

## Tall Large-Flowering Bearded Flag Irises

### (FLEUR-DE-LIS)

These beautiful "Orchids of the Garden" adapt themselves easily to varied soils and conditions. They are happiest in full sun and well drained, heavy soils. They will thrive and bloom, however, in the open woodland, at the base of hot stone walls and on dry banks. Wet feet, fresh manure and locations, strangers to the sun, are the only enemies to which their vigorous strength is unequal.

Bone meal and lime dug into the soil before planting and given as an occasional top-dressing are very beneficial. They are absolutely hardy, with a richer range of both delicate and brilliant colors and color-combinations than that of any other flower. Many are delightfully fragrant and the foliage of most varieties remains good throughout the season. The finest blooms are obtained from well established clumps, consequently, when planted, they should remain undisturbed for four or five years. When transplanting, barely cover the rhizomes.

In the description, S. is used to designate the standards or upright petals; F., the falls or drooping petals.

### Five New Varieties of Rare Beauty

For August Delivery Only

#### ISOLINE (*Squalens*)

S. soft pink; F. deep old rose, yellow throated; very large and striking flower. Award of Merit, London. \$1.25 each.

#### LOHENGRIN (*Pallida*)

S. and F. in shades of *Cattleya*-mauve; petals translucent and very responsive to the strength or softness of the light. 3 feet. Award of Merit, London, 1915. \$1.00 each.

#### MRS. ALAN GRAY (*Cengialti* X *Queen of May*)

S. and F. soft lilac; one of the most beautiful, unique in usually blooming again in late July and August. 2-2½ ft. \$1.00 each.

#### RHEIN NIXIE (*Amœna*)

S. clear white; F. rich raspberry purple, with distinct white edge. Tall, vigorous branched spikes; 3½ feet. Award of Merit, London, 1915. 50c. each.

#### STORM CLOUD (*Squalens*)

S. pale dove gray; F. deep violet; very large and handsome; 2½ to 3 feet. \$1.00 each.

We are gathering from Europe and elsewhere a large and varied collection of Iris, making careful tests and studies to eliminate undesirable varieties. The results of our work are being given to our patrons as decisions are made.

The beauty of some of the newer forms is a revelation. We have rare and expensive hybrids, too limited in quantity, as yet, to catalogue; but we invite correspondence from those especially interested.



TALL, LARGE-FLOWERING, BEARDED FLAG IRIS—Continued

Price: 15c. each, \$1.50 per doz., except where otherwise priced.

**Albicans** (Princess of Wales). S. and F. pure white; a rare old variety, large flower, early blooming. 2 feet. 35c. each, \$3.50 per doz.

**Aurea** (Variegata). S. and F. clear, rich yellow; a beautiful variety. Height 2 feet. 25c. each, \$2.50 per doz.

**ridesmaid** (Plicata). S. white, shaded silvery lilac; F. reticulated at the base, soft lilac; 27 inches. 25c. each, \$2.50 per doz.

**Flavescens** (Species). S. and F. pale yellow, fragrant; fine for cutting; 30 inches.

**Florentina alba** (Syn., Silver King). S. and F. white, tinged with blue; fragrant; beautiful for cutting and is lovely planted with pink Darwin Tulips; 2 feet.

**Germanica Type** (Common Blue Flag). S. violet; F. purple; early and free flowering; 2 feet.

**Her Majesty** (Pallida). (New.) S. soft rose; F. deeper rose, heavily veined; large, handsome flower; 30 inches. 35c. each.

**Idion** (Variegata). S. deep yellow; F. yellow, slightly reticulated cinnamon brown; very free. Good in mass planting with Othello and Dalmatica in the rear; 2 feet.

**Ingeborg** (Intermediate). (New.) Immense, white flower, early blooming. Very vigorous, increases rapidly; 2 feet. 35c. each, \$3.50 per doz.

**Innocenza** (Variegata). S. and F. ivory white, slight yellow reticulation at throat, late blooming and valuable; 26 inches. 35c. each, \$3.50 per doz.



MADAME CHEREAU



PALLIDA DALMATICA (see page 54)

**Iris King** (Squalens). (New.) S. old gold; F. rich maroon, bordered yellow; a beautiful and striking flower; 2 feet. 50c. each.

**Kochii** (Germanica). S. and F. rich claret purple; early flowering; 2 feet.

**La Tendre** (Squalens). S. pale lavender, flushed with yellow; F. yellow at base, shading into deep lavender, veined with purple; a delicately beautiful orris-scented flower; 30 inches.

**Madame Chereau** (Plicata). S. and F. white, frilled clear blue; very lovely; 3 feet.

**Mrs. H. Darwin** (Amœna). S. pure white; F. slightly reticulated violet at base; beard orange; 2 feet.

**Mrs. Neubronner** (Variegata). S. and F. golden yellow, darker than Aurea; 2 feet. 35c. each, \$3.50 per doz.

**Madame Pacquette** (Pallida). S. and F. bright, rosy claret; deliciously fragrant; 30 inches. 25c. each.

**Othello** (Syn., Sappho, neglecta variety). S. rich blue; F. deep, dark, velvety purple; handsome; 30 inches.

**Pallida Dalmatica** (Syn., Princess Beatrice). S. and F. soft lavender; very fragrant; exquisite as a cut flower; superb in the hardy border; 3 to 4 feet. 25c. each, \$2.50 per doz.

**President Thiers** (Squalens). S. lavender, shot with bronze. F. deep, velvety purple. Valuable for its lateness and tall growth.

TALL, LARGE-FLOWERING, BEARDED FLAG IRIS—*Continued*

**Queen of May.** S. and F. soft lilac rose; fragrant. One of the most charming of the "pink" *Pallidas*; 32 inches. 25c. each, \$2.50 per doz.

**Thorbeck (Amœna).** S. white; F. velvety purple; handsome; 3 feet. 35c. each.

**Trautlieb. (New.)** S. and F. lovely, uniform, soft rose; an exquisite Iris; 18 inches. 50c. each, \$5.00 per doz.

**Victorine (Amœna).** S. white, blotched with purple; F. royal purple; very beautiful and rare; 30 inches. 35c. each.

## Dwarf Irises

**Cristata (Evansia).** A dainty, creeping species; flowers rich amethyst blue, striped orange; increases rapidly. A little gem for borders, rock-work or low massing. It is happier in locations that are shaded a part of the day. Given these conditions and time to mass, it will delight all who try it. 15. each, \$1.50 per doz.

**Pumila atrovioleacea.** S. violet blue; F. deep violet purple, white beard. Height 4 inches. 15c. each, \$1.50 per doz.

**Pumila cœrulea.** A lovely sky-blue mite, blooming in April; 4 inches. 15c. each, \$1.50 per doz.

May 19th.  
'Mums arrived today in perfect condition. Thanking you for the extras included, I remain,  
Mrs. H. O. B., Ga.

I received the plants yesterday and they are certainly just fine!

C. B., Jr., S. C.



IRIS CRISTATA





## New French Hydrangea

“GLOIRE DE BOISSY” (Nonin)

We were the first to introduce the new French Hydrangeas to the notice of the American cultivator some six years ago, which was the time Mad. Mouilliere, Bouquet Rose, etc., first came out. We now have pleasure in introducing this new Hydrangea, Gloire de Boissy, which Mr. Nonin says is “head and shoulders” above any of the wonderful types that have preceded it. It is a splendid plant for the trade; ideal in growth and habit, and is particularly adapted for forcing for Easter. Mr. Nonin says of it: “The color is somewhat the same as that of Lily Mouilliere, but is a deeper, brilliant pink with a lighter eye. The blooms are very solid and keep for weeks in good condition. The introducer is willing to stake his reputation that this is by far the best new French Hydrangea ever presented to the trade.”

**Young Dormant Stock. January Delivery**

**\$1.00 per plant, \$10.00 per doz., \$75.00 per 100.**



ACHILLEA PTARMICA, "THE PEARL"

## General Collection of Hardy Perennials

The plants here noted can be supplied in any quantity and will be of the same high quality that has made Totty's 'Mums and Roses a household word all over the country. No expense is spared to have the stock right and our resident agents in England, Ireland and France keep us advised as to the best novelties in this section. We can supply any perennial in cultivation and will be pleased to answer any correspondence relative to the same.

Write us for Perennials not listed here, as we can supply many other sorts.

Price: 20c. per plant, \$2.00 per doz., \$15.00 per 100.

### ANCHUSA. Alkanet

#### Dropmore Variety

Rich gentian blue; one of the earliest of the blue flowers. Plants form beautiful specimens, 3 to 4 feet high. One of the most exquisite blue flowers for the garden.

### ANEMONE JAPONICA

#### Japanese Anemone

One of the most beautiful, hardy plants in existence; splendid for cutting.

**Alba.** Large, snowy white; chaste and elegant; large, single flowers.

**Alice.** Lovely, silvery rose, with shell-like petals.

### ACHILLEA. Yarrow

**Ptarmica fl. pl., "The Pearl."** Pure white, double flowers; one of the very finest things ever sent out; produces profusely the entire Summer. Splendid for cut flowers.

### ARTEMISIA. Lad's Love

**Lactiflora.** Large panicles of creamy white, flowering in August and September; beautiful subject.



ANEMONE JAPONICA ALICE





AQUILEGIA CALIFORNICA

**AGROSTEMMA. Rose Campion**

Walkerii. Brilliant rose crimson; excellent for cutting.

**AQUILEGIA. Columbine**

Cærulea (Rocky Mountain Columbine). Blue, with white corolla.

Californica Hybrids. Long spurred flowers; beautiful assortment of colors.

**CAMPANULA. Bell Flower**

Carpatica. Compact tufts; porcelain blue; dwarf habit. A wonderful thing for edging.

Medium. Assorted colors; 3 feet.

**CEPHALARIA. Roundheads**

Alpine. Tall growing plants; 5 to 6 feet; delicate, sulphur-yellow flowers. 25c. per plant, \$2.50 per doz.

**CHRYSANTHEMUM MAXIMUM**

Moonpenny, or Shasta Daisy

King Edward VII. Pure white.

Mrs. Chas. Lowther Bell. The earliest of this type to flower and a splendid variety.

**COREOPSIS. Tickseed**

Lanceolata grandiflora. Rich, golden yellow. One of the finest flowers for cutting ever introduced to cultivation.



DICTAMNUS FRAXINELLA



DIGITALIS

**DICTAMNUS****Gas Plant, or Burning Bush**

Name derived from the fact that on warm evenings the plant emits a fragrant oil, which ignites if a match is applied.

**Fraxinella.** Rosy pink flowers, with crimson veins.

**DIELYTRA. Bleeding Heart**

**Spectabilis.** An old-fashioned favorite; long racemes of heart-shaped flowers, beautiful and effective; often used for forcing.

**DIGITALIS. Foxglove**

**Gloxiniæflora** (Gloxinia Flowered). Assorted strain of spotted varieties.

**Monstrosa.** Very large flowers, in rose-purple and white.

**ECHINOPS. Globe Thistle**

**Spherocephalus.** Round head of bluish white; attractive flowers. 25c. per plant, \$2.50 per doz.

**ERYNGIUM. Sea Holly**

This plant produces flowers in August and September, which may be cut and dried for Winter bouquets.

**Planum.** Handsome, blue variety.

**FUNKIA. Plaintain Lily**

**Media picta variegata.** Green and white variegated foliage; excellent for edging.

**GAILLARDIA. Blanket Flower**

Gorgeous flowers, charming for decorations.

**Sutton's Crimson Glow.** (New.) A wonderful, rich crimson. 25c. per plant, \$2.50 per doz.

**Orange Globe.** (New.) Large ball of brilliant orange. 25c. per plant, \$2.50 per doz.

**GALEGA. Goat's Rue**

**Officinalis.** Purplish blue, pea-shaped flowers; tall grower; must have plenty of room.

**GEUM. Avens**

**Mrs. Bradshaw.** A new, large, double, scarlet variety, much better than any of this type previously introduced, blooming the greater part of the Summer and Fall. 25c. per plant, \$2.50 per doz.

**Coccineum.** Bright scarlet, single flowers.



GALEGA OFFICINALIS



### GYPSOPHILA. Baby's Breath

*Paniculata* fl. pl. Double form of *paniculata*. Pure white; 3 feet high. Most useful flowers grown for Summer cutting. 25c. per plant, \$2.50 per doz.

### HEMEROCALLIS. Yellow Day Lily

*Aurantiaca*. Orange color, shaded bright yellow. *Flava*. Best known variety; very fragrant; deep yellow.

### HELENIUM. Helen Flower

*Autumnale superbum*. Broad, spreading heads, deep, golden yellow flowers. One of the most striking flowers in cultivation.

### HYPERICUM. St. Johns Wort

*Moserianum*. Rich golden yellow flowers, with yellow stamens and crimson anthers; 2 feet high.

### HIBISCUS. Swamp Rose Mallow

*Moscheutos*. Light rosy red, with a darker center. *M. Crimson Eye*. Enormous size; pure white, with a large crimson eye in the center.

### LAVENDULA

Old-time Lavender of our Grandmother's garden; this is the plant from which the flowers are dried.



GEUM MRS. BRADSHAW (see page 70)



HYPERICUM

### LIATRIS. Blazing Star

*Scariosa*. Purple-flowering subject; 4 feet high.

### LUPINUS. Lupine

Old-fashioned garden Lupines.

*Polyphyllus*. Flowers beautiful, clear blue; very attractive. 25c. per plant, \$2.50 per doz.

*Alba*. Pure white form of the above. 25c. per plant, \$2.50 per doz.

*Elegans*. Lovely combination of blue and white. 35c. per plant, \$3.25 per doz.

### LYCHNIS

*Chalcedonica*. Most desirable variety; orange scarlet; 3 feet high.

*Chalcedonica alba*. Creamy white flowers.

*Chalcedonica* fl. pl. Double-flowering form; wonderfully brilliant in color; vermilion-scarlet flowers.

Price: 30c. per plant, \$3.00 per doz.

### LYTHRUM. Rose Loosestrife

*Roseum superbum*. Rose color; robust habit; 4 to 5 feet.

### LYSIMACHIA. Loosestrife

*Clethroides*. Long, dense spikes; pure white flowers; fine for cutting.

### NEPETA. Cat Mint

Makes a dense mat of foliage on the ground.



PÆONIES

## Herbaceous Paeonies

The best known of this type of plant is, of course, the *Officinalis*. Cast-iron in their hardiness, blooming equally well, north, south, east and west, in this country no other flower is so adaptable and so satisfactory. A good, rich soil, open, sunny position, and plenty of water during their growth, is all they need. When planting, place the roots so that the crowns are barely covered with soil. So treated, Pæonies will go ahead and give entire satisfaction year after year.

**Price: 75c. each, \$6.00 per doz., except where priced.**

**Augustine d'Hour.** Brilliant, deep red, with lighter reverse of pale pink. A variety that will give the finest results. \$1.00 each, \$10.00 per doz.

**Couronne d'Or.** Snow white, with bright red center and yellow stamens. A late Pæony that is remarkably attractive.

**Eugene Verdier.** Light rose, shading pearly white; strong grower; enormous early-flowering variety, very showy.

**Felix Crousse.** Glowing red, with reddish flame center; very large and full. One of the best mid-season varieties.

**Festiva maxima.** Pure white, flecked carmine; strong grower; early bloomer. One of the oldest varieties in cultivation today and a very dependable Pæony to grow.

**Livingstone.** Soft rose in color; imbricated blooms; late flowering and profuse in blooming; splendid in every way. \$1.00 each, \$10.00 per doz.

**Marie Lemoine.** White, with carmine edges on petals; exceptionally large and very profuse-flowering habit; growth strong and erect; medium height; very late.

**Meissonier.** Purplish red and crimson; often referred to as "The American Beauty" Pæony; very tall and free; midseason bloomer.

**Mme. Boulanger.** Glossy, soft pink, shaded lilac; large and compact, midseason type. \$1.00 each, \$10.00 per doz.

**Mme. Crousse.** Ivory white, center petals edged crimson; large, full, well-formed flowers of medium height.

**Mme. Leonie Calot.** Pale pink; very abundant bloomer; tall and fragrant; early flowering, and a splendid kind to grow.

**Mme. Ducl.** Very bright pink; medium size, but free flowering and lasting.

**Model of Perfection.** Light violet rose, with bright rose center; dwarf grower and late; profuse-blooming type. \$1.00 each, \$10.00 per doz.





HARDY PHLOXES

## Novelties for 1917 in Phlox

The following five are introduced this year for the first time in America.

Price: 30c. each, \$3.00 per doz., \$20.00 per 100, except where noted.

**Aubrey Alder.** One of the finest novelties in this flower for many years. The color immediately reminds one of the striking color of Madam Herriott Rose, being a reddish terra cotta, with flame shadings; very distinct eye in center of pure carmine. Certificated Royal Horticultural Society. \$1.00 per plant, \$10.00 per doz.

**Arthur Ranc.** Brilliant salmon; individual pips of enormous size; splendid habit.

**Emily Michal.** Deep, rosy mauve; enormous trusses.

**Rose Queen.** Carmine eye, with well formed trusses; pips measure 2 inches across; very erect and showy.

**Eugene Fayen.** Lilac mauve with very prominent white eye.

## PHLOX—Standard Varieties

Price: 20c. per plant, \$2.00 per doz., \$15.00 per 100.

**Albion.** Pure white, with a faint red eye; strong, vigorous grower.

**Antonin Mercie.** White ground, with bluish lilac shadings on edge of petals.

**Bacchante.** Tyrian rose, with crimson-carmine eye.

**Braga.** Mauve rose, suffused salmon, with white disc.

**Bridesmaid.** Pure white, with large, crimson eye.

**Champs Elysees.** Rosy magenta; very pretty.

**Diadem.** Pure white; dwarf variety.

**Eugene Danzenvillier.** Lilac, shaded white.

**Elizabeth Campbell.** Light salmon, changing to pink; a new and splendid color.

**General von Heutse.** Brilliant salmon scarlet, with a large, white center.

**Henry Marcel.** Pure red, with bright salmon shadings.

**Mme. Paul Dutrie.** Lilac rose; flowers very large.

**Pierre Bayle.** Crimson carmine, with orange-scarlet shadings.

**Rheinlander.** Beautiful salmon pink, with claret-red eye. Flowers of immense size.

**Wanadis.** Light violet, mottled white, with a bright purple eye.

**Widar.** Lovely violet shade, with white center.

**W. C. Egan.** A magnificent variety; a superb color of delicate heliotrope, with a bright carmine eye.

## PAPAYER. Poppies

Price: 25c. per plant, \$2.50 per doz.

**Goliath.** One of the most effective; brilliant scarlet flowers, very profuse in bloom.

**Mrs. Perry.** Beautiful salmon rose.

**Mahony.** Dark crimson maroon, with deeper shadings.

## RUDBECKIA. Golden Glow

One of the best known hardy flowers, blooming from July until September.

**Newmani.** The Black-Eyed Susan, very well known and popular.



PAPAYER

## SANTOLINA. Lavender Cotton

Silvery white foliage, used for rock border and very largely used for carpet bedding.

## SEDUM. Stonecrop

**Spectabile.** Most popular of all the Sedum, producing large, flat heads of rose-colored flowers; 2 feet high.

## STACHYS Wound Wort

**Lanata.** Bright, silvery white, woolly foliage; flowers an inconspicuous light purple in color; largely used for edging or clumps in borders.

## SWEET WILLIAM. Dianthus Barbatus

Possibly one of the best known, free-flowering, hardy perennials; easily one of the most attractive flowers in the garden.

**Newport Pink.** A beautiful satin pink.

**Variegata.** The flower of this variety is crimson with a white edge. A beautiful and most striking combination of colors.

**Double Mixed.** A selection of carefully raised seedlings in assorted colors; which are very choice.

Price: 15c. per plant, \$1.50 per doz.,  
\$10.00 per 100.

## THALICTRUM. Meadow Rue

**Dipterocarpum.** Lilac mauve flowers, with graceful foliage like Maidenhair. 30c. per plant, \$3.00 per doz.

**Adiantifolium.** Beautiful variety, with foliage like Maidenhair Fern and miniature white flowers.

## VALERIANA. Valerian

**Officinalis.** Very fragrant, rose-tinted flowers.



## VERONICA. Speedwell

**Amethystina.** Amethyst-blue flowers; spikes long and good.

**Longifolia subsessilis.** Long spikes; beautiful, blue flowers; plants 3 feet high.

## BUDDLEIA ASIATICA

This Buddleia differs from Variabilis and others of its type, in that it is not hardy and requires protection. It begins to bloom in December and continues to do so throughout the Winter season, if the plants are kept growing in a warm house; it produces long spikes of the most beautiful white flowers which have a delightful lilac fragrance. \$1.25 per doz., \$10.00 per 100.

## BUDDLEIA VARIABILIS VEITCHIANA

Beautiful violet-mauve; a splendid Summer-flowering shrub absolutely hardy under any condition; flowers are borne on long, cylindrical spikes, 12 to 15 inches in length; flowers the first season it is planted; a beautiful plant. 15c. per plant, \$1.25 per doz., \$10.00 per 100.

## BUDDLEIA VARIABILIS MAGNIFICA

Similar to the above; only difference being the flower is a deeper color, shading toward Rose. 15c. per plant, \$1.25 per doz., \$10.00 per 100. Insert 8 pt. wide measure.



SALVIA AMERICA



BUDDLEIA ASIATICA

## SALVIA AMERICA

Price: 15c. per plant, \$1.50 per doz., \$10.00 per 100.

Differs from other types as it is a perpetual bloomer; it can be brought in to flower for Christmas, Easter or any other desired time. It is just as free blooming as any other variety and the color is a brilliant glowing scarlet, with very bright, green foliage, making a gorgeous contrast. The constitution is particularly rugged and healthy. As an outdoor bedding plant, it will be in great demand as it is such an attractive addition to every garden.

September 1, 1916.

With reference to the Salvia America, would say that for dwarf habit, free-flowering qualities and fine dark-green foliage, it leaves nothing to be desired.

A. P., Rahway, N. J.

The Salvia America is the finest thing I ever had. Where did you get it?

W. H., Penna.

The Queen Alexandra type of Seedlings that we procured from you gave us the most exquisite varieties that we have ever seen.

T. McK., Ohio.





### NOVELTY PHILADELPHUS—(Syringa) "Bouquet Blanc"

This magnificent "Mock Orange" will rank with the very finest of known shrubs, and it is on a footing with *Hydrangea arborescens grandiflora*, in grand effectiveness. It is dwarf compared with the old variety, standing 3 to 4 feet, the gracefully arching branches so heavily set with clusters of snowy white flowers that the foliage is completely hidden. A group of these plants looks like a bank of feathery snow; the individual florets are partly semi-double; foliage beautiful; a fine grower. One of the finest introductions in years. One-year-old plants, 50c. each, \$5.00 per doz.





## Novelty Heliotrope Elizabeth Dennison

We have no hesitation in saying this variety is the finest Heliotrope ever seen. For years we have considered Centefleur as being the best variety. In Elizabeth Dennison, while the flower is about the same color as Centefleur, the individual trusses are considerably larger; in fact, much larger than any Heliotrope, and in addition this variety is wonderfully fragrant; this latter is one of its strongest points. This Heliotrope attracted considerable attention at the Panama-Pacific Exposition the past year, and we have received orders from all over the country, from different people who have seen it growing outdoors in California at the Exposition. Our stock is very large and we feel sure we will be in a position to fill all orders for this remarkable variety. Elizabeth Dennison Heliotrope was awarded a Medal of Honor at Panama-Pacific Horticultural Exposition.

**Price: 20c. per plant, \$2.00 per doz., \$15.00 per 100.**

### HELIOTROPE CENTEFLEUR

One of the finest Heliotropes ever raised; dwarf and bushy in habit, with beautiful foliage; sprays of bloom very large; color a lovely deep blue, with a conspicuous white eye.

**Price: 10c. per plant, \$1.00 per doz., \$6.00 per 100.**

### STANDARD HELIOTROPE

Fine, deep blue, bushy tops; exceptionally fragrant and attractive; height of plants 3 to 4 feet.

**Price: \$2.00 per plant.**



DAHLIA, JULES CLOSON

**FERNS. For Fern Dishes**

Assorted Ferns in all the best varieties: *Cyrtomium falcatum*, *Pteris Mayii*, *P. cretica*, *P. albolineata*, *P. adiantoides*, etc. 2¼-in. pot plants, \$1.00 per doz., \$5.00 per 100.

**NEW DAHLIA JULES CLOSON**

Price: 20c. per plant, \$2.00 per doz.,  
\$15.00 per 100.

This Begonia Dahlia is simply wonderful as a dwarf bedding plant, as it does not grow over 18 inches in height and is a mass of flowers from June until November. The color is marvelously brilliant, being the brightest of scarlet, merging as the flower ages toward crimson. The flower has a very vivid golden center which accentuates the magnificent color. The foliage is very bright green and the growth is dwarf and robust and does not suffer from drought or heat. Last year we could not fill all orders for this Dahlia but hope to be able to supply any demand this season.

**GARDENIA****The True Winter-flowering Type**

We can supply this plant in any quantity. Spring delivery, 2½-in. plants, \$12.00 per 100; 3-in. plants, \$18.00 per 100; 4-in. plants, \$25.00 per 100.

**PELARGONIUM CLORINDA**

Price: 10c. per plant, \$1.00 per doz.,  
\$8.00 per 100.

This Pelargonium is grown very little and apparently is a stranger in our greenhouses. The color is a bright, rosy cerise and the flowers are very useful in the cut state. The deep green, healthy foliage has a most delightful fragrance when crushed in the hand. We have a good stock of this Pelargonium and we would suggest every gardener trying a few plants, as they can be grown in any position and in almost any location.



## Fertilizers

We are asked many times to give to our customers results of our practices in feeding plants. The fertilizers listed below we can absolutely guarantee, as they are what we use ourselves, and the prices are as low as possible for this grade of goods.

"Results Speak Louder Than Words." And we have won prizes in every exhibition of importance in America; due to the use of these fertilizers.

Prices quoted are f. o. b., Chrome, N. J.; Philadelphia, Pa., and Baltimore, Md.

### GODFREY'S SPECIAL FLORISTS' TANKAGE

6-30

Guaranteed analysis: Nitrogen 4.94%, equal to ammonia 6.00%. Bone phosphate of lime 30.00%.

The most peculiarly adapted compound of the natural source of plant food ever offered for sale for greenhouse use. It possesses wonderful properties and promotes desired results. I highly endorse and recommend this product for Roses and general use. 167-lb. bag \$4.50, ton \$45.00.

### GODFREY'S HIGH GRADE FLORISTS' TANKAGE

9-15

Guaranteed analysis: Nitrogen 7.41%, equal to ammonia 9.00%. Bone phosphate of lime 15.00%.

A highly concentrated compound and extremely quick in its action. 157-lb. bag \$6.00, ton \$72.00.

### GODFREY'S PURE BONE MEAL

For Greenhouse Use

3-23-50

Nitrogen 2.47%, equal to ammonia 3.00%, total phosphoric acid 23.00%. Bone phosphate of lime 50.00%.

A selected, uniform, untreated product especially prepared for greenhouse use, and recommended where a slow, continuous growth is desired. 167-lb. bag \$5.00, ton \$48.00.

### GODFREY'S DRIED GROUND BLOOD

12%

Nitrogen 9.87%, equal to ammonia 12.00%. 167-lb. bag \$7.50, ton \$85.00.

### GODFREY'S SULPHATE OF AMMONIA

Guaranteed analysis: Nitrogen 20.57%, equal to ammonia 25.00%. 200-lb. bag \$12.00, ton \$80.00.

### GODFREY'S NITRATE OF SODA

Guaranteed analysis: Nitrogen 15.00%, equal to ammonia 18.00%. 200-lb. bag \$10.00, ton \$80.00.

### CLAY'S FERTILIZER

One of the best fertilizers that can be used on all stock, either for greenhouse or garden. Very productive. 56-lb. bag \$4.00, 112-lb. bag \$7.00.

### PULVERIZED SHEEP MANURE

Splendid for either greenhouse or garden use, in the proportion of one part sheep manure to six parts soil. Excellent results are obtained by the use of this fertilizer. 100-lb. bag \$2.00, ton \$35.00.

### CHRYSANTHEMUM FERTILIZER

This fertilizer, if rightly handled, is the most wonderful plant food for finishing Chrysanthemums that has ever been compounded.

The analysis is as follows:

Total nitrogen, 16 to 18. Equal to ammonia, 20 to 21. Ammonia, 16 to 17. Soluble phosphoric acid,  $P_2O_5$ , 6 to 7. Potash  $K_2O$ , 4 to 5.

This fertilizer is absolutely safe when dissolved in water in the proportion of one pound to fifty gallons of water. It may be used in conjunction with natural fertilizers, but in itself it furnishes a complete plant food for not only Chrysanthemums, but any other plants, such as Roses, that are well rooted and will stand the feeding.

Plants may be watered with this fertilizer once a week in the proportion given, and the results will amply testify to its value. Price: 7 to 10 lbs., 40c. per lb.; from 10 to 50 lbs., 35c. per lb.; from 50 to 100 lbs., 30c. per lb.

### CARNATION AND FRUIT FERTILIZER

Similar to the Chrysanthemum fertilizer, so far as the ingredients are concerned, but it will be noted that the percentage of nitrogen is reduced and the percentage of potash greatly increased. This is necessary because experiments have proved that the Carnation is greatly improved by a larger percentage of potash than is needed in the case of softer growing plants. This fertilizer is also wonderfully effective in raising fruits under glass. The potash and nitrogen being balanced in just the right proportion, it produces the most perfect fruits.

Every gardener in the country should try this fertilizer on his Grapes and other fruits. Price: 7 to 10 lbs., 40c. per lb.; from 10 to 50 lbs., 35c. per lb.; from 50 to 100 lbs., 30c. per lb.

Analysis: Nitrogen, 10 to 12. Equal to ammonia, 12 to 15. Ammonia, 11 to 12. Soluble phosphoric acid,  $P_2O_5$ , 6 to 7. Potash  $K_2O$ , 10 to 12.

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## TERMS OF SALE

**O**RDERS from unknown parties must be accompanied by cash or satisfactory references. We allow 3% discount when cash is enclosed with order; therefore it is to the customer's interest to remit the full amount when ordering.

Accounts unpaid in 60 days are subject to sight draft without further notice.

Orders from customers in foreign countries must in all cases be accompanied by cash as we cannot assume the risk for Custom delays.

**NO GUARANTEE.**—While we exercise great care to keep our stock clean and true to name, we give no warranty, express or implied, on the same, and if the customer does not accept the goods on these terms, they are to be returned immediately.

**PARCEL POST.**—Customers desiring goods sent by parcel post must include an additional sum of 15c. per dozen plants, to prepay postage. We decline to accept the responsibility for delivery of plants shipped by mail. It is always better to have the stock sent by express as this gives a means of redress should the stock not be delivered promptly, and we always endeavor to include a few plants additional to offset the express charges.

**QUALITY.**—The many letters we receive every year from customers all over the country, complimenting us on our stock, are evidence enough that the quality of our stock cannot be approached.

We guarantee all shipments to be forwarded at the special plant rate, which is 20% less than merchandise rates. In the absence of definite shipping instructions we always ship by the quickest and cheapest route.

**PLEASE NOTE.**—Not less than three plants of one variety will be sold at the dozen rate; nor less than twenty-five at the hundred rate. We are sometimes asked to send one hundred plants in about thirty varieties at the hundred price. We will not supply less than twenty-five of one variety at the hundred rate as it takes considerable time to select one hundred plants in twenty or thirty varieties, and we must charge for the same accordingly.

**CHARLES H. TOTTY**



14<sup>TH</sup>  
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1917

CHARLES H. TOTTY  
MADISON, N. J.